APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURENKO, Aleksandr Gerasitovich

[Grapevine nursery] Vinogradnyi pitomnik. Moskva, Izd-vo sel'-khoz.lit-ry, 1959. 263 p. (MIRA 14:12)
(Viticulture)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

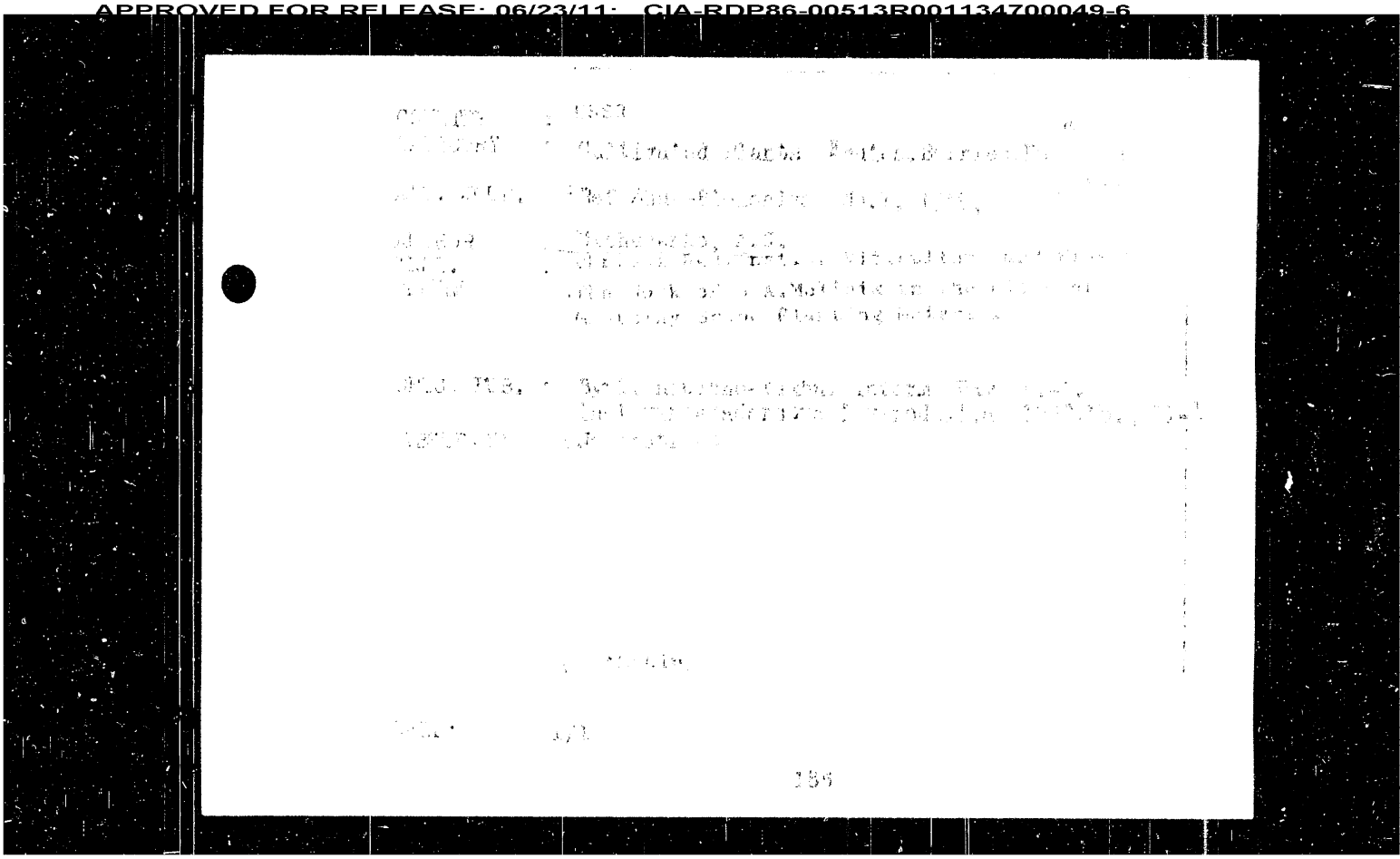
COUNTRY	:	USSR
CATEGORY	:	Cultivated Plants. Fruits. Berries.
ABS. JOUR.	:	RZhBiol., No. 23 1958, No. 104859
AUTHOR	:	Mishurenko, A. G.
INST.	:	Ukrainian Scientific Research Institute of Viticulture *)
TITLE	:	Technological Scheme for Stratification and Harvesting of Grapevine Grafts in the Conditions of a Timuriev Greenhouse.
ORIG. PUB.	:	Byul. nauchno-tekhn. informats. (sb. Gos. in-t vinogradarstva i vinodeliya), 1957, No. 1, 26-28
ABSTRACT	:	No abstract.

*) Odessa

CARD: 1/1

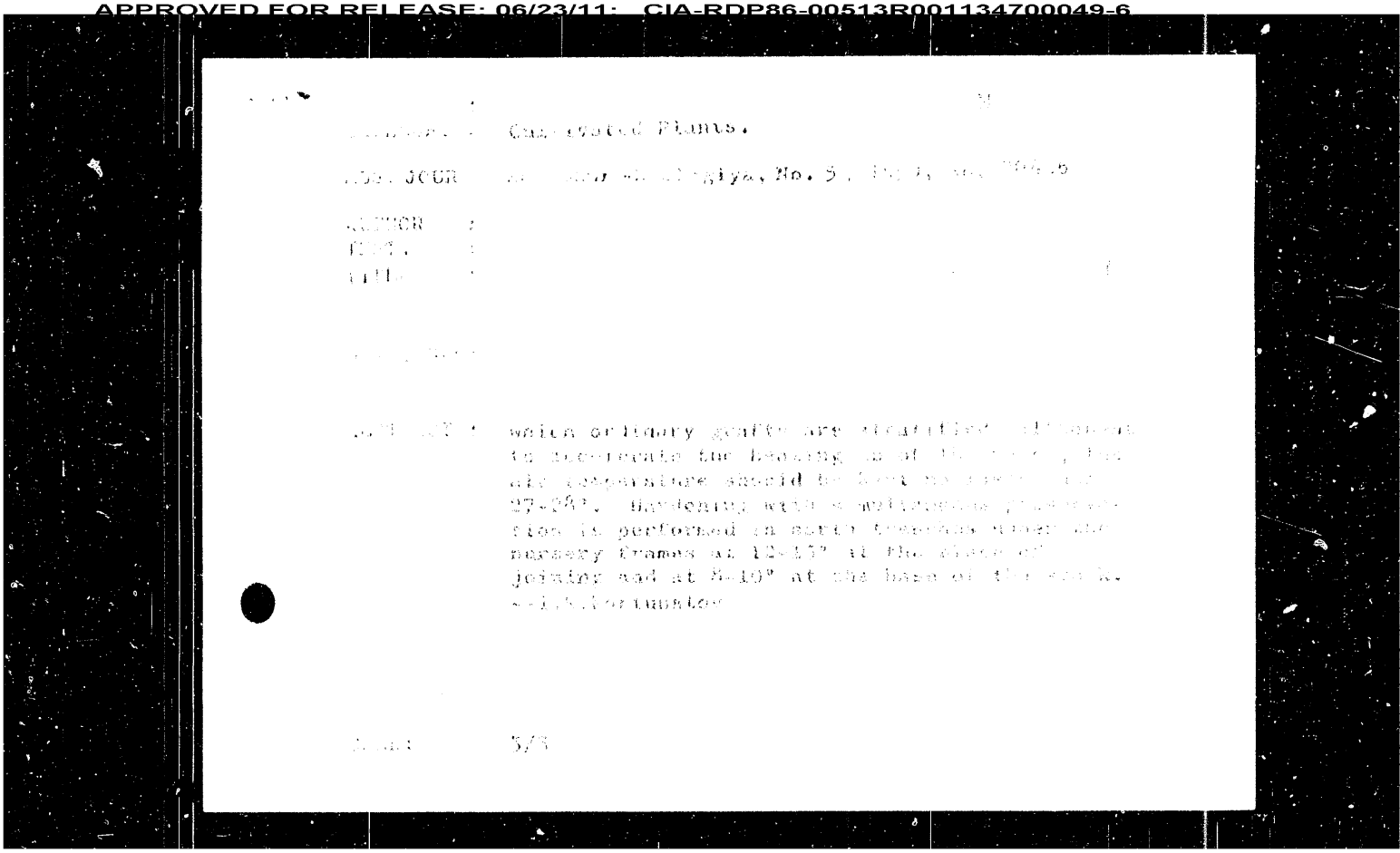
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



Cantilevered Planes.

...JOUR ... Vol. 5, No. 5, ... 1955

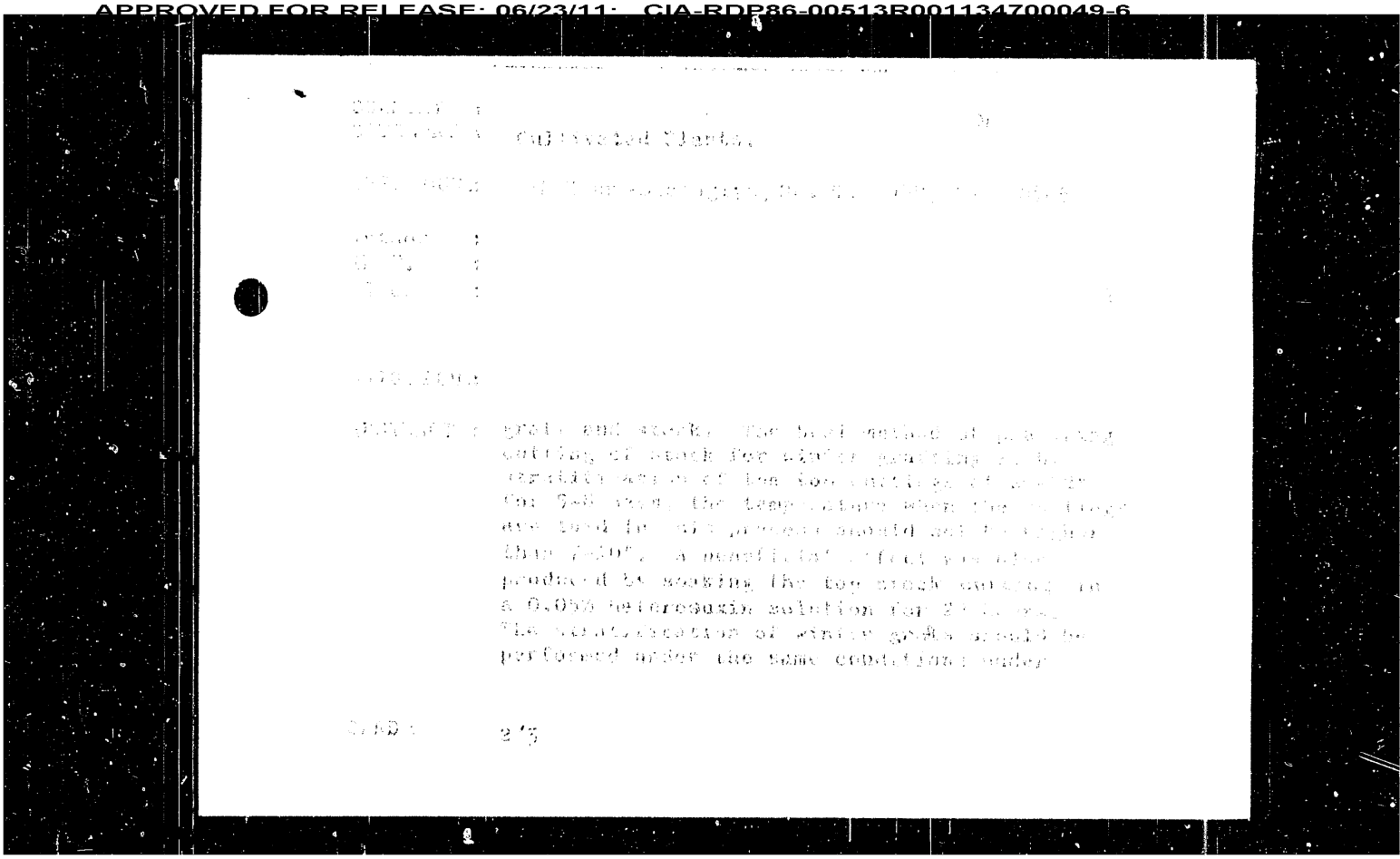
...TION ...
...T. ...
...LE ...

... with ordinary gantry cranes ... to accommodate the bearing ... the ... , the ... temperature should be kept ... 27-28°. Hardening with a ... tion is performed on each ... nursery frames at 12-13° at the ... joining and at 8-10° at the base of the ... with formwater.

... 5/5

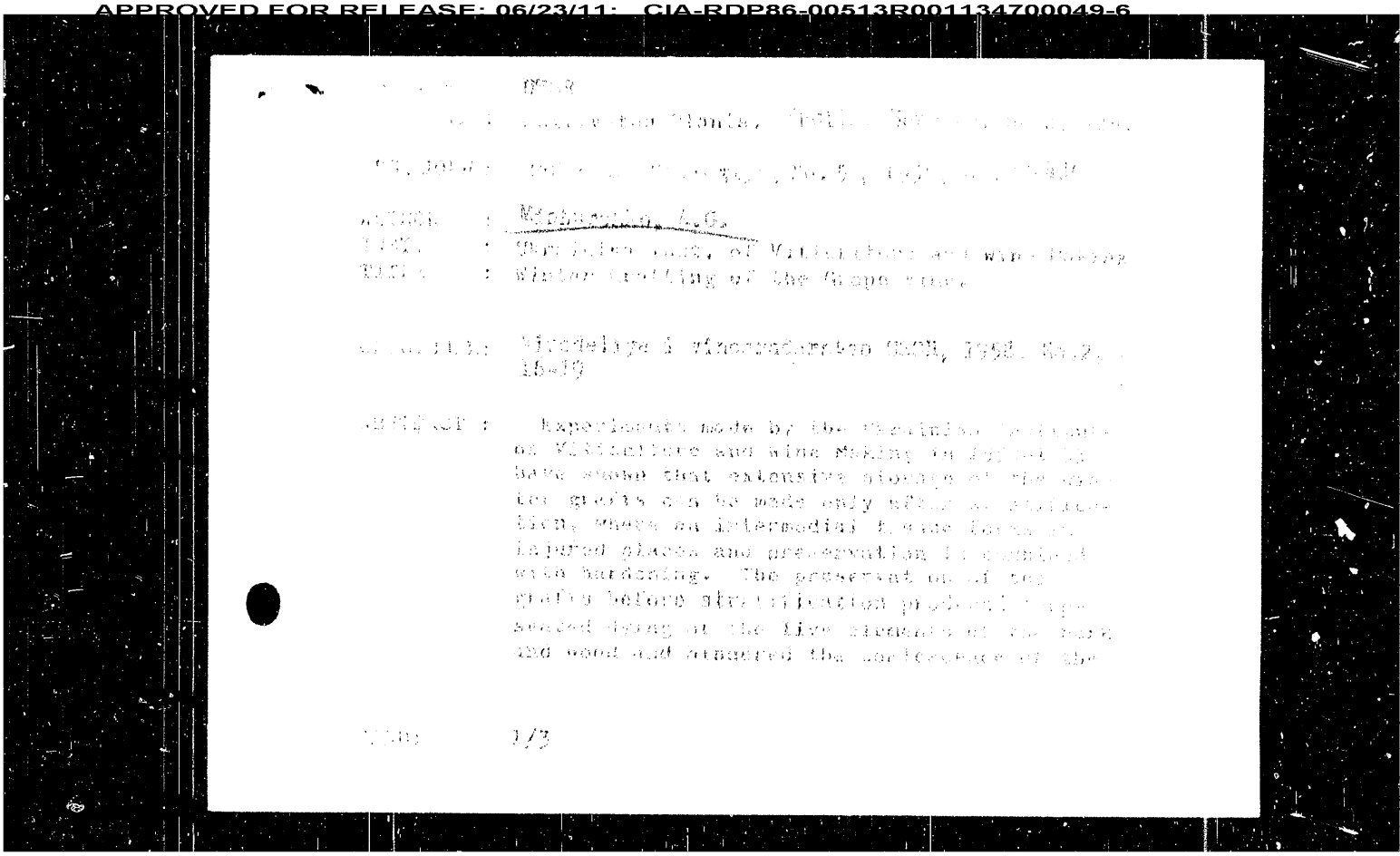
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURENKO, A. G.; PRESLER, N. I.

Grafting

Stratification of graft stock shoots before grafting. Vin. SSSR 13, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURENKO, A. G.

Grafting

New temperature regime in the stratification of grafting. Vin. SSSR, 12, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952 UNCLASSIFIED.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.M.

Solicitude shown for the living conditions of track workers. Put' i put.khoz. 5 no.9:41 S '61. (MIRA 14:10)

1. Starshiy inzh. distantsii, stantsiya Kurgan, Yuzhno-Ural'skoy dorogi.
(Ural Mountain region--Railroads--Employees)
(Labor and laboring classes--Dwellings)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.I. (Leningrad, lesnoy pr., d.4, kv.79)

Surgical treatment of so-called tetralogy of Fallot. Vest. khir. 90. no.2:81-86 F'63. (MIRA 16:7)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'nik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.
(TETRALOGY FALLOT) (HEART--SURGERY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.I. (Leningrad, K-9, Lesnoy pr., d.4, kv.79)

Three cases of the removal of large benign tumors. Vop. onk. 9 no.2:103-106 '63. (MIRA 16:9)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey no.1 (nachal'nik prof. P.A.Kupriyanov, Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

(TUMORS) (SURGERY, OPERATIVE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.I. (Leningrad, ul. Smirnova, d.8 kv.53)

Isolated stenosis of the pulmonary artery. Grud. khir. 1 no.2: 45-52. Mr-Ap '59. (MIRA 16:7)

1. Iz khirurgicheskoy kliniki usovershanstvovania vrachey No.1 (nachal'nik - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(PULMONARY ARTERY--DISEASES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

DOMBROVSKAYA, Yu.F., prof.; ZHUKOVSKIY, M.A., starshiy nauchn.sotr.; KUTUSHEV, F.Kh., doktor med.nauk; LEBEDEV, D.D., prof.; MASLOV, M.S., prof.[deceased]; MISHURA, V.I., kand.med. nauk; OSINOVSKIY, N.I., prof.; SHAMSIYEV, S.Sh., prof.; ROGOV, A.A., red.; CHUYEVA, L.F., red.; BUL'DYAYEV, N.A., tekhn. red.

[Multivolume manual on pediatrics]Mnogotomnoe rukovodstvo po pediatrii. Moskva, Medgiz. Vol.3. 1962. 586 p. (MIRA 15:9)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Dombrovskaya, Maslov).

(PEDIATRICS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

KUPRIYANOV, P.A.; KOLESOV, A.P., prof.; KUTUSHEV, F.Kh., doktor med.nauk; BURMISTROV, M.I., kand.med.nauk; MISHURA, V.I., kand.med.nauk

Surgical treatment of congenital heart defects. Vop. okh. mat. i det. 6 no.12:11-17 D '61. (MIRA 15:3)

1. Iz kliniki khirurgii dlya usovershenstvovaniya vrachey (nachal'nik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Leninga akademii imeni S.M. Kirova. 2. Deystvitel'nyy chlen AMN SSSR (for Kupriyanov).
(HEART--SURGERY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

KUPRIYANOV, Petr Andreyevich, prof., Laureat Leninskoy premii;
MISHURA, Vladimir Ivanovich; OGIN, I.A., red.;
GOSTOUKHINA, A.S., tekhn. red.

[Heart defects and their surgical treatment] Poroki serdtsa i ikh khirurgicheskoe lechenie. Leningrad, Medgiz, 1961. 66 p. (MIRA 15:2)

(HEART--DISEASES) (HEART--SURGERY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

KUPRIYANOV, P.A.; BURMISTROV, M.I.; KATUSHEV, F.Kh.; MISHURA, V.I.

Causes of unfavorable outcome in the surgical correction of some congenital heart defects. Khirurgiia 36 no.7:3-9 Je '60.
(MIRA 13:12)

(HEART--SURGERY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

KUPRIYANOV, P.A.; BLESTKINA, T.G.; IZBINSKIY, A.L.; MISHURA, V.I.

"Physiological methods in clinical practice." Vest. AMN SSSR 15 no. 10:87-89 '60. (MIRA 14:4)

(MEDICINE, CLINICAL)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

BURMISTROV, M.I.; MISHURA, V.I.; PISAREV, Yu.F.; RUKHIMOVICH, G.S., kand.med. nauk (Leningrad, Liteynyy pr., d.28, kv.8)

Complications in cardiac catheterization and angiocardiography. Vest. khir. 83 no.9:25-30 S '59. (MIRA 13:2)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'nik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(HEART CATHETERIZATION, compl.)
(ANGIOCARDIOGRAPHY, compl.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

[illegible], V. I.

GRIGOR'YEV, M.S., professor (Leningrad, K-9, ul. Smirnova, d.8, kv.36);
MLSHURA, V.I.

Transventricular pulmonary valvulotomy and infundibulectomy in some congenital cardiac defects [with summary in English, p.158]. Vest. khir. 78 no.5:35-45 My '57. (MLRA 10:7)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(CARDIOVASCULAR DEFECTS, CONGENITAL, surg.
infundibulectomy & transventric. pulm. valvulotomy, review)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

GADZHIYEV, S.A., kandidat meditsinskikh nauk (Leningrad, V.O., 1-ya liniya, d.18, kv. 32); MISHURA, V.I.

Diagnosis and treatment of Lutembacher's syndrome [with summary in English, p.157] Vest.khir. 77 no.7:15-23 Jl '56. (MLRA 9:10)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(CARDIOVASCULAR DEFECTS, CONGENITAL, diag. & surg.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.I., podpolkovnik meditsinskoy sluzhby; GADZHIYEV, S.A., kandidat meditsinskikh nau, mayor meditsinskoy sluzhby; KUTUSHEV, F.Kh., kandidat meditsinskikh nauk

Some problems in heart surgery. Voen. med.zhur. no.10:10-16 O '56.
(HEART--SURGERY) (MIRA 10:3)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHURA, V.I.

Congenital heart defects in dextrocardia. Pediatriia no.3:12-16 My-Je '55. (MLRA 8:10)

1. Iz 2-y kliniki fakul'tetskoy khirurgii (nach-deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR zasluzhennyy deyatel' nauki prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M Kirova.

(CARDIOVASCULAR DEFECTS, CONGENITAL
dextrocardia with congen.heart failures 7n & situs inversus)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUNINA, Z.A.

Some types of gravity deformations in terrigenous flysch.
Trudy VNIGRI no.163:501-513 '60. (MIRA 14:6)
(Flysch)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

BOGDANOV, A.A. (SSSR); SLAVIN, V.I. (SSSR); KSIAZKIEWICZ, M. (Pologne); VARENTSOV, M.I. (SSSR); WDOWIARZ, St. (Polska); PASHCHENKO, Ya.Ye. (SSSR); MISHUNINA, Z.A. (SSSR); ZIELINSKI, J. (Polen)

Participation in discussions. Mat.Karp.-Balk.assots. no.1:190-207 '60. (MIRA 14:12)

(Geology)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

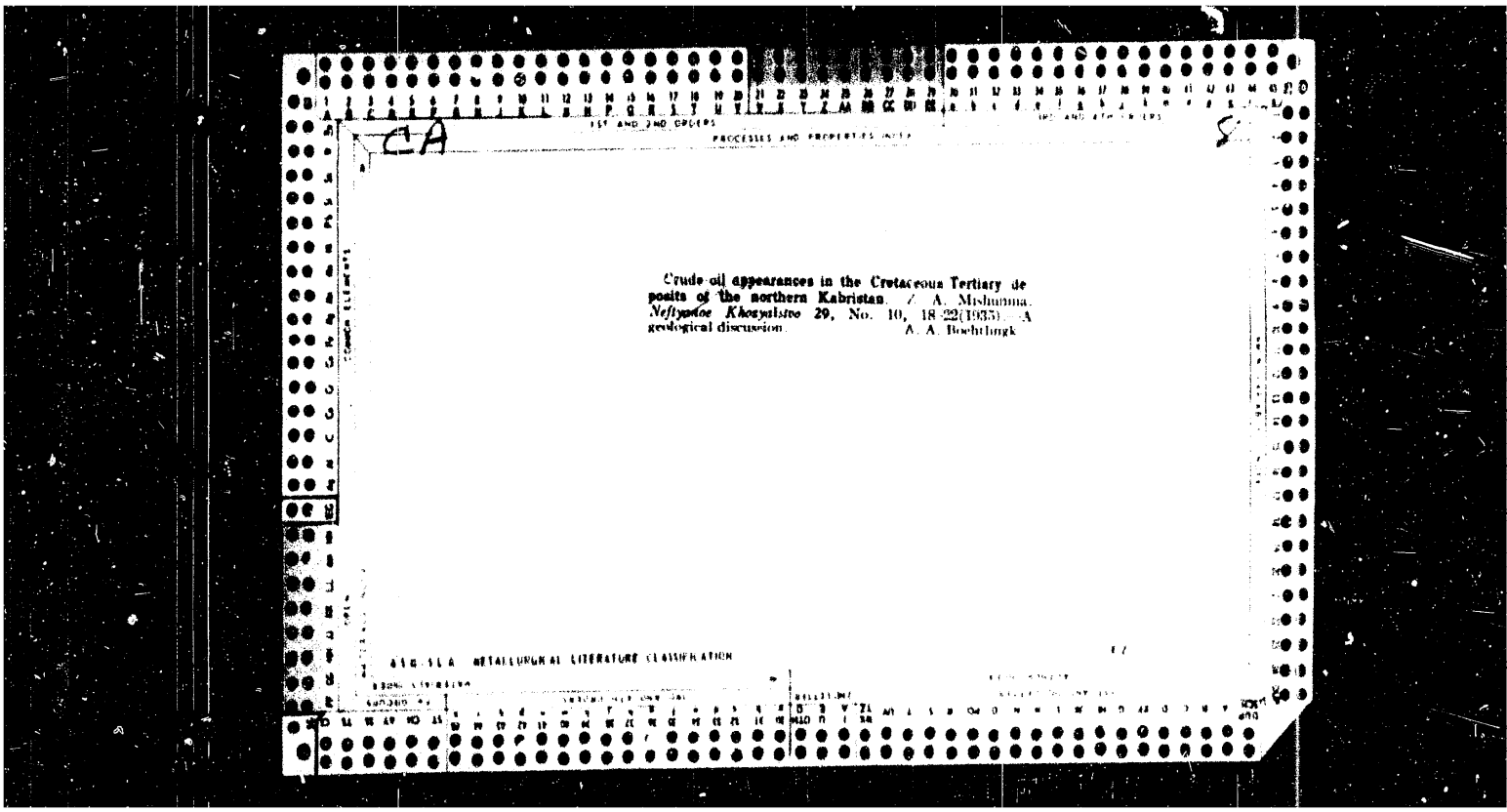
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUNINA, Z.A.

"The Direction of the movement of Sediments in Ancient Underwater Slides," Dok. An., 70, No. 4, 1950.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



CA

Crude oil appearances in the Cretaceous Tertiary deposits of the northern Kabristan. Z. A. Mishunina. *Neftyanoe Khozyaistvo* **29**, No. 10, 18-22(1935).—A geological discussion. A. A. Boehtlingk

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

blank. 3. Selection of an optimal blank-forming regime corresponding to a minimum of the required forming energy. Each of these conditions is extremely effective in intensifying the various processes of cold forming, but the maximum effect in forming high-strength and low-plasticity metals and alloys can be produced only if all three conditions are simultaneously satisfied. Processes for which all three conditions may be satisfied are exemplified by cold forming with counter-pressure by a solid or, particularly, a liquid. Thus, the main trend in the intensification of cold-pressing processes should be based on the regulation (with the aid of lubricants of optimal viscosity) of the forces of contact friction, the development of optimal stress-strain diagrams and the selection of energetically optimal cold-forging regimes. Orig. art. has: 10 figures and 1 table.

SUB CODE: 11, 13, 20/ SUBM DATE: none/ ORIG REF:007/ OTH REF: 000

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

L 23054-66 EWT(d)/EWT(m)/EWP(w)/EWP(c)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(l)/

ACC NR: AP5028993 ETC(m)-6 JD/EW/DJ SOURCE CODE: UR/0182/65/000/009/0001/0008

AUTHOR: Isachenkov, Ye. I.; Mishunin, V. A.

55
53
B

ORG: none

TITLE: Prospects for intensifying the processes of cold pressing

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 9, 1965, 1-8

TOPIC TAGS: cold forging, metal pressing, lubricant, extrusion, plasticity, material deformation, metallurgic research

ABSTRACT: Despite its great promise, the cold-pressing (extrusion) process still is not employed on an adequate scale in machine building, particularly in the fabrication of parts from high-strength nonferrous and ferrous alloys. This problem can be resolved by accomplishing the following tasks: 1. Development of a hydrodynamic lubricating regime and the elimination of the considerable energy losses due to galling. The hydrodynamic theory of friction makes possible a sufficiently complete description of the basic patterns of the effects accompanying various conditions of cold forging. 2. Uniform propagation throughout the blank of the conditions of flowage arising in the surface layer of the blank during forming; this is accomplished by compressing the blank so that the hydrostatic pressure in the zones of free flowage of the material would be commensurate with the deformation resistance of the material of the

UDC: 621.983.1

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

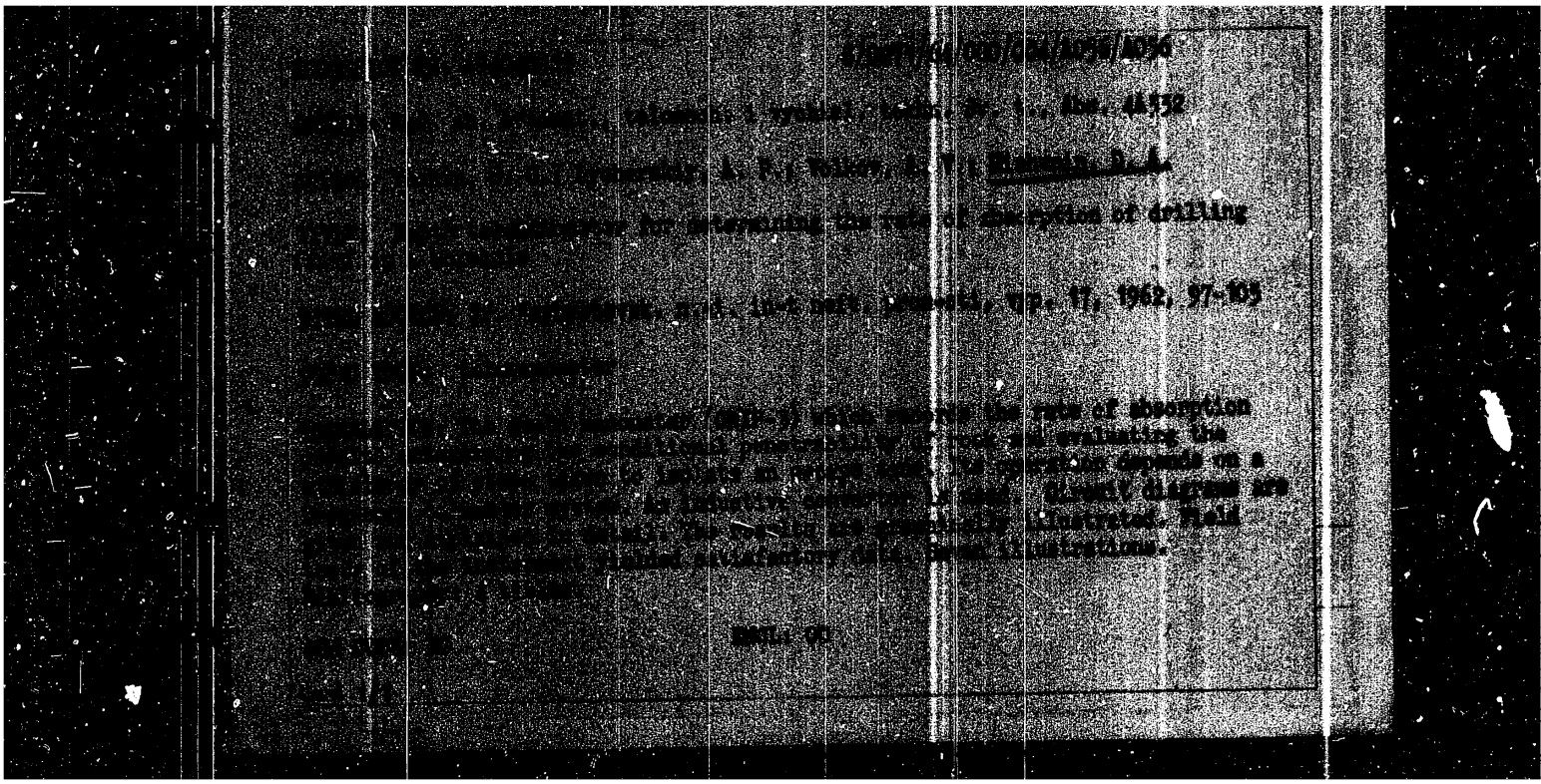
MISHUNIN, N.P.

Electrode-contact liquid level indicator. Sakh.prom. no.4: 25-26 Ap '60. (MIRA 13:8)

1. Kontrol'no-izmeritel'nyye pribory Ramonskogo sakharnogo zavoda.
(Liquid level indicators)

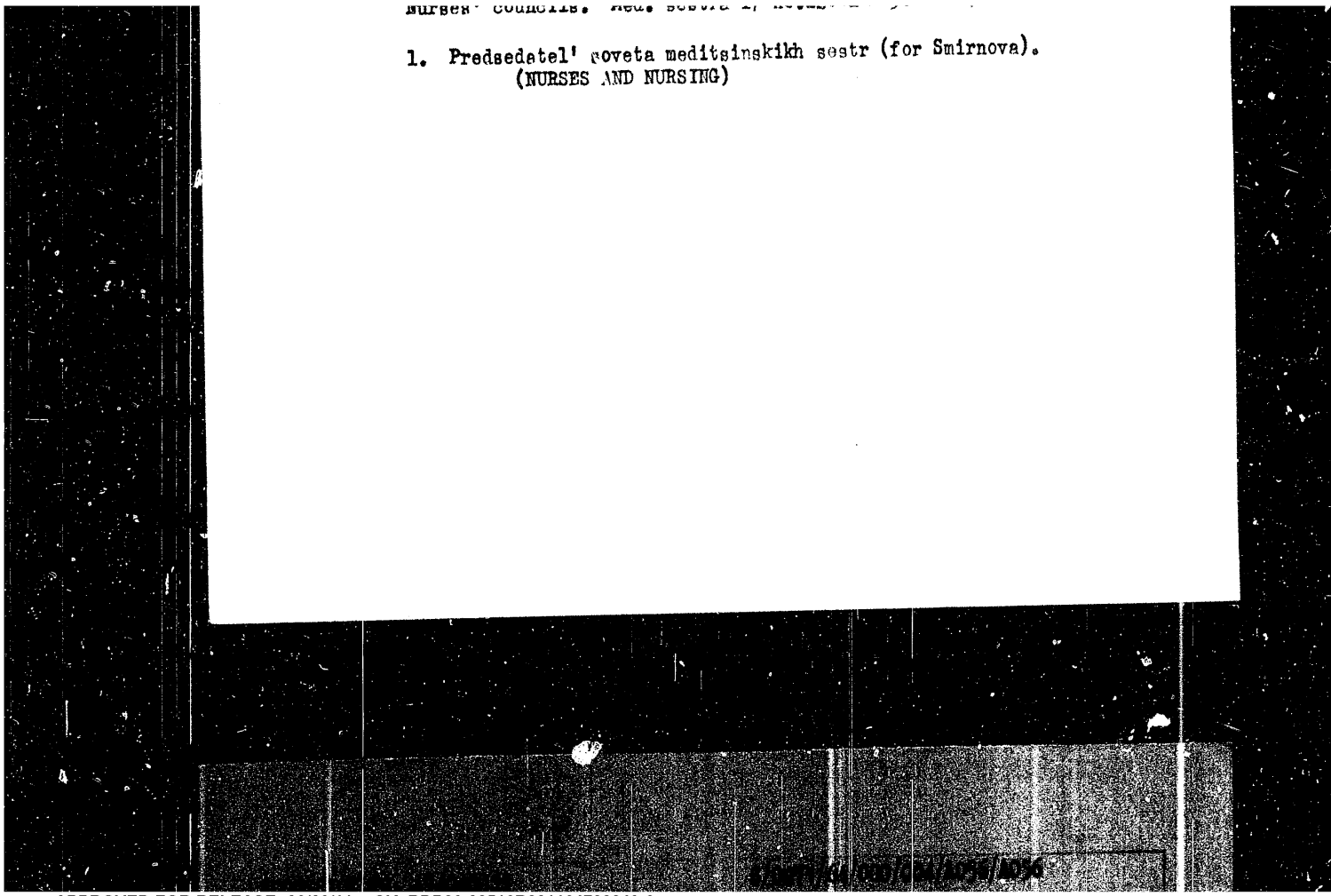
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



Nurses' Councils. Acta sestrae 2, no.[illegible]

1. Predsedatel' soveta meditsinskikh sestr (for Smirnova).
(NURSES AND NURSING)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L.Ya.

Pressing large Metlach tiles on automatic presses. Stek.i ker.
22 no.10:40 O '65. (MIRA 18:12)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, I.Ya.

Rebuilding an old enterprise on new technical grounds. Mash. i inst. [illegible]
32 no.8:35-38 Ag '65.

1. Khar'kovskiy zavod metallokhimicheskikh plavok.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L.Ya.; SIRENKO, G.D.

Colored pastes for ceramic tiles. Stek.i ker. 19 no.12:25-27 D '62. (MIRA 16:1)

1. Khar'kovskiy zavod metlakhskikh plitok.
(Clay) (Tiles)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUROVICH, L.Ya.

New press for molding ceramic saggers. Stek. i ker. 19 no.8: 42-44 Ag '62. (MIRA 15:9)

(Saggers)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

15(2)
AUTHOR: Mishulovich, L. Ya. SOV/72-59-2-21/21

TITLE: Ceramic Floor Tiles (Keramicheskiye plitki dlya polov)

PERIODICAL: Steklo i keramika, 1959, Nr 2, pp 48-48 (USSR)

ABSTRACT: This is a discussion of the book mentioned in the title by the abstracter P. P. Budnikov.

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Joint Burning of Ceramic Tiles With and Without Molds in SOV/72-5[illegible]-12-7/23
Chamber Furnaces

ASSOCIATION: Khar'kovskiy zavod metlakhskikh plitok (Khar'kov "Metlach" Tile Factory)

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Joint Burning of Ceramic Tiles With and Without Molds in [illegible] Chamber Furnaces

months of 1958. Twice the previously available furnace volume could thus be utilized (Fig 1). The advantage offered by burning piles without molds is the considerable decrease in deformation of the products, a deficiency, however, is the pasting of the single tiles, but this can be prevented by carefully cleaning the tile surfaces after pressing. Table 1 shows the results obtained by examining such a combined burning process. By using the metal container (Fig 2), the conveyance of raw tiles and their placing in the furnace chamber is facilitated. Table 2 shows the technical and economical advantages of the combined burning method. The adoption of it by the Khar'kovskiy zavod metlakhskikh plitok (Khar'kov Factory for "Metlach" Tiles) was calculated to cause an yearly saving of 620 000 Roubles. This method is recommended to all those factories that are equipped with chamber furnaces. There are 2 figures and 2 tables.

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

15(2)

AUTHOR: Mishulovich, L. Ya. SOV/72-58-12-7/12

TITLE: Joint Burning of Ceramic Tiles With and Without Molds in Chamber Furnaces (Sovmestnyy beskapsel'nyy i kapsel'nyy obzhig keramicheskikh plitok v kamernykh pecnakh)

PERIODICAL: Steklo i keramika, 1958, Nr 12, pp 24 - 26 (USSR)

ABSTRACT: Burning of tiles in chamber furnaces is exclusively carried out in molds, whereby the unproductive expenditures involved exceed 10% of the production costs of tiles. Both weight and volume of the molds amount to about 55% of the total weight and volume of the chamber. In 1957, the konstruktorsko-issledovatel'skoye byuro Khar'kovskogo zavoda metlakhskikh plitok (Design and Research Office of the Khar'kovskiy Factory for "Metlach" Tiles) carried out numerous experiments on joint burning processes in chamber furnaces with and without molds. The positive results obtained permitted the changing over of chamber furnaces to this burning method in the first three

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

On the Waste Accumulated With the Manufacture of Tubes From Clays of the Artemovka

72-58-3-11/15

within the interval of from 240 to 620°, up to 60° per hour, within the interval of from 620 to 1150, up to 40° per hour. To reduce the maximum burning temperature of from 1180 to 1150°, as well as to guarantee a milieu of oxidation in the interval of from 800 to 950° in the furnace.
There are 2 figures, and 1 reference, 1 of which is Soviet.

ASSOCIATION: Khar'kovskiy zavod kanalizatsionnykh trub (Khar'kov Works for the Manufacture of Sewer Pipes)

1. Clays--Processing

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

On the Waste Accumulated With the Manufacture of Tubes From Clays of the Artemovka

72-58-3-11/19

Recently the works were obliged to pass over to the use of only clays from the collecting place of Artemovsk which resulted in a substantial increase of the burning scrap. The principal kinds of the scrap were: fine, scarcely perceptible cracks (14 to 15% of the production) determinable only by their hollow sound, as well as bubbles and swellings (7 to 8%). The high content of quartz sand should be considered a characteristic feature of the clays from Artemovsk which is the main cause for the large quantity of scrap. It is known from data from literature (G. N. Duderov, reference 1) that the rate of cooling of sintered ceramic masses should not exceed 15° per hour. As may be seen from figure 1 (curve 1), it amounts however up to 30°. A dependence seen from figure 2 consists between the rate of cooling within the temperature interval of from 750 to 500° and the quantity of waste (cracks). It may consequently be determined that the cooling curve of the works for clays from the collecting place Chasovyarskoye is not adequate for clays from Artemovsk. A new rational cooling curve (figure 1, curve 2) was developed, which reduces the formation of cracks substantially. The remaining bubbles and swellings are formed by violations of the heating regime of the products, as well as by a wrong gas-milieu. The formation of bubbles can be fought as follows: Increasing rate of temperature

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

AUTHOR: Mishulovich, L. Ya. 72-58-3-11/15

TITLE: On the Waste Accumulated With the Manufacture of Tubes From Clays of the Artemovsk Deposit (O brake pri izgotovlenii trub iz artemovskikh glin)

PERIODICAL: Steklo i Keramika, 1958, Vol. 15, Nr 3, pp. 39-41 (USSR)

ABSTRACT: The burning of sewer pipes is carried out in periodical furnaces in the Khar'kov-works. The dimensions of such a furnace are: 9 m of length, 4 m of width, and 3 m of height. The furnace has 12 semigas firings, viz. 6 on each side. (Fuel. Donets-coal type D). The tubes are burnt according to the scheme in figure 1, in which case the cycle lasts for 90 hours, 36 of which for burning and 54 hours for cooling. The maximum burning-temperature amounts to from 1150 to 1180°. For some time the works operated with clays from the collecting place Chasov-yarskoye, which were used either pure, or mixed with 30 to 40°/o of clays from the collecting place Artemovka quantitative composition: 70°/o clay and 30°/o chamotte. The tubes were of satisfactory quality with a minimum of waste.

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L. YA.

MISHULOVICH, L.Ya.

Manufacture of ceramic floor tiles at the Boizenburg plant.
Stek. i ker. 14 no.9:29-31 S '57. (MIRA 10:10)
(Boizenburg--Ceramic industries)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISKULOVICH, L.Ya.

Manufacture of ceramic floor tiles in Czechoslovakia. Stek. i ker. 14 no.4:30-32 Ap '57. (MLRA 10:5)
(Czechoslovakia--Ceramic industries) (Tiles)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Production of Facing Tiles in Czechoslovakia 72-2-9/10

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

AUTHOR: Mishulovich, L. Ya. 72-2-9/10

TITLE: Production of Facing Tiles in Czechoslovakia (Proizvodstvo fasadnoy keramiki v Chekhoslovakii)

PERIODICAL: Steklo i Keramika, 1957, Vol. 14, No. 2, pp 30-31 (U.S.S.R.)

ABSTRACT: A trend is noted in Czechoslovakia to use the method of half-dry pressing in the manufacture of facing and floor tiles. Exterior tiles are being made with both glazed and rough finishes. Figures are given of popular dimensions: 250 x 40 mm, 250 x 65 mm, 150 x 150 mm, 200 x 200 mm, 300 x 15 mm and 30 x 300 mm. The table shows materials used: marble, feldspar, unwashed kaolin, quartz, iron oxide, zinc oxide, tin oxide and barium carbonate with percentages shown for transparent glaze, white glaze and brown glaze.

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

was heated with generator gas to about 1150 and 1200 cal/m^3. Fig. No. 3 shows the firing temperatures. Figs. No. 1, 2, & 4 show various type carts used in the sagger-less method of firing. Comparative data on tile sorts obtained through both methods of firing, are shown in Table No. 1. Table No. 2 shows the average quality of tiles according to their placement on carts in a sagger-less firing.

There are no references.

ASSOCIATION: Losevskiy Tile Factory in Kharkov (Khar'kovskiy [Losevskiy] Plitochnyy zavod)

PRESENTED BY:

SUBMITTED:

AVAILABLE:

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

AUTHOR: Mishulovich, L. YA.; Zayonts, R. M.; and Romanov, P. R.

TITLE: Sagger-less Firing of Ceramic Tiles for Flooring (Beskapsel'nyy obzhig keramicheskikh plitok dlya polov)

PERIODICAL: Steklo i Keramika, 1957, Vol. 14, No. 1, pp. 19-23 (U.S.S.R.)

ABSTRACT: Since firing of ceramic tiles in saggers requires special shops and significant labor which increases its cost of production by 10 - 11%, a sagger-less method of firing ceramic tiles in tunnel furnaces (extensively used in such countries as Czechoslovakia, Germany, Hungary, etc., and to some extent by the domestic industry) is considered. For this purpose, a series of tests were conducted in 1955 by the Losevskiy Collective Tile Factory in Kharkov (Kollektiv Khar'kovskogo Losevskogo plitochnogo zavoda), in cooperation with employees of the Scientific Research Institute for Structural Ceramics (NIIstroykeramika) to determine the economical and technological aspects and advantages of the sagger-less method. The tiles were fired in a tunnel-type No. 3 furnace, 113 m. in length, 1.85 m. in width, 1.3 m. in height, capable of accommodating 56 tile carts. The furnace

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, LEV YAKOVLEVICH

LOPOVOK, Lev Isayevich, kandidat arkhitektury; MISHULOVICH, Lev Yakovlevich, inshener; CHERNYAK, Ya.N., nauchnyy redaktor; GLEZAROVA, I.L., redaktor; PANOVA, L.Ya., tekhnicheskiy redaktor

[Small slabs for building facades] Malogabaritnye fasadnye plitki. Moskva, Gos.izd-vo lit-ry po stroit. materialam, 1957. 41 p. (MLRA 10:7)

(Building blocks) (Facades)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Mishulovich, L. Ya

MISHULOVICH, L.Ya., inzhener; LOPOVOK, L.I., kandidat arkhitektury

Small-size rock and clay facing slabs. Rats. i izobr.predl. v stroi. no.108:22-23 '55. (MLRA 8:10)
(Walls)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L.Ya.

We should improve the production of floor tiles. Stek.i ker. 12 no.7:13-16 Jl '55. (MLRA 8:10)
(Floor coverings) (Tiles)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L.Ya.

Increasing output of a plant by using internal reserves. Stek.i ker. vol.10 no.8:27-29 Ag '53. (MLRA 6:8)
(Ceramic industries)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

1. MISHULOVICH, L.YA.

2. USSR (600)

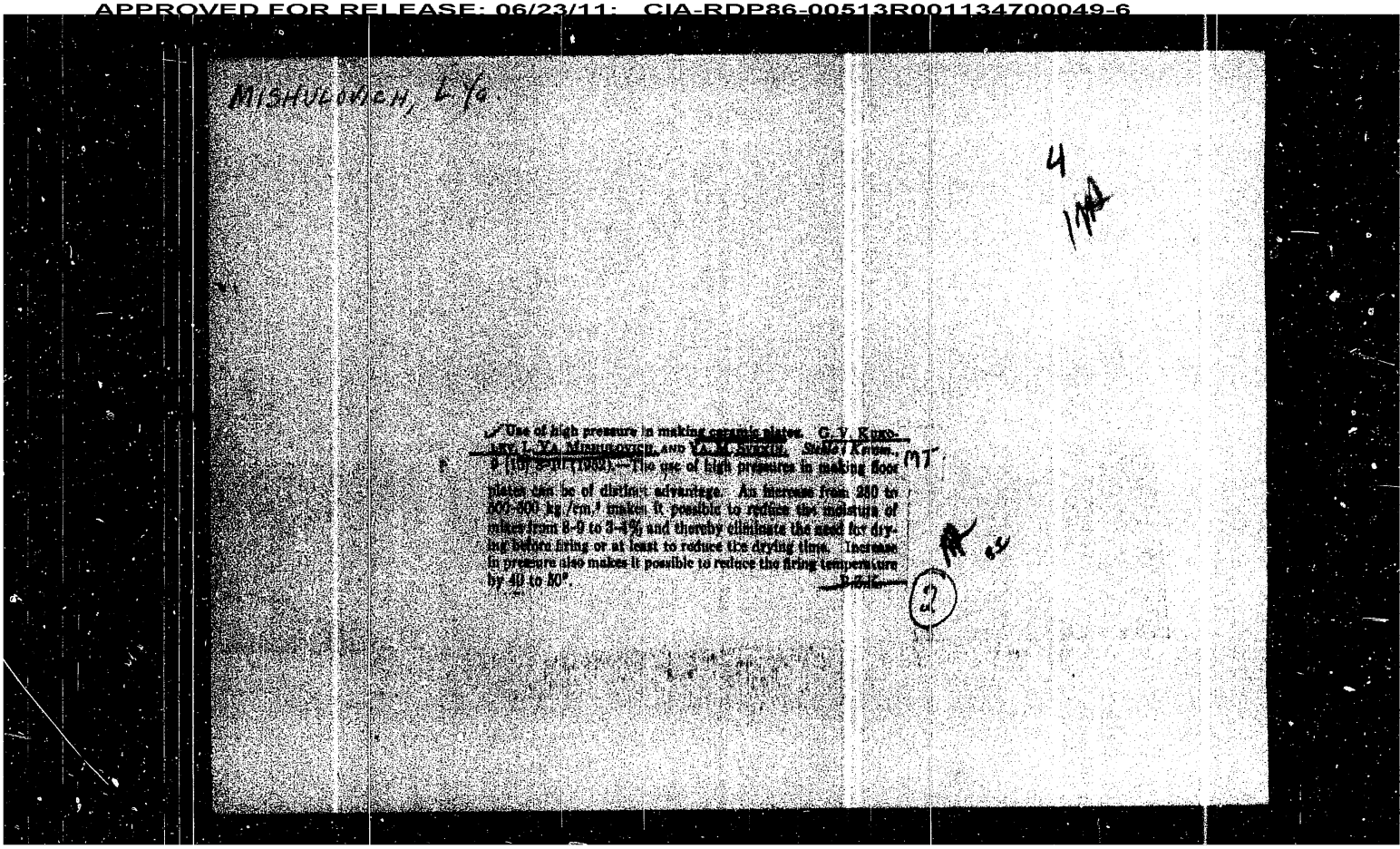
4. Clay Industries

7. Improve plan for paste preparation in floor tile production, Stek. i ker. 10 no. 4, April 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



MISHUSTIN, L. Ya.

4
IMP

Use of high pressure in making ceramic plates. G. Y. Kuprikhy, L. Ya. Mishustin, and V. M. Surkin. *Steklo i Keram.* 17 (10): 29-31 (1960).—The use of high pressures in making floor plates can be of distinct advantage. An increase from 200 to 500-600 kg/cm.² makes it possible to reduce the moisture of plates from 8-9 to 3-4% and thereby eliminate the need for drying before firing or at least to reduce its drying time. Increase in pressure also makes it possible to reduce the firing temperature by 40 to 50°. P. Bilik

MT

(2)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

KUKOLEV, G.V., Prof.; MISHULOVICH, L. Ya.; SYRKIN, Ya. M.

Glass Manufacture

Non-sagger firing of ceramic tiles in a tunnel furnace. Stek. i Ker., 9, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress October 1952 UNCLASSIFIED.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L. YA., SIVER, L.YA.

Glass Manufacture

Manufacture of ceramic, ashlar, facade plates by the method of dry pressing. Stek. i ker. 9 No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHULOVICH, L. Ya.

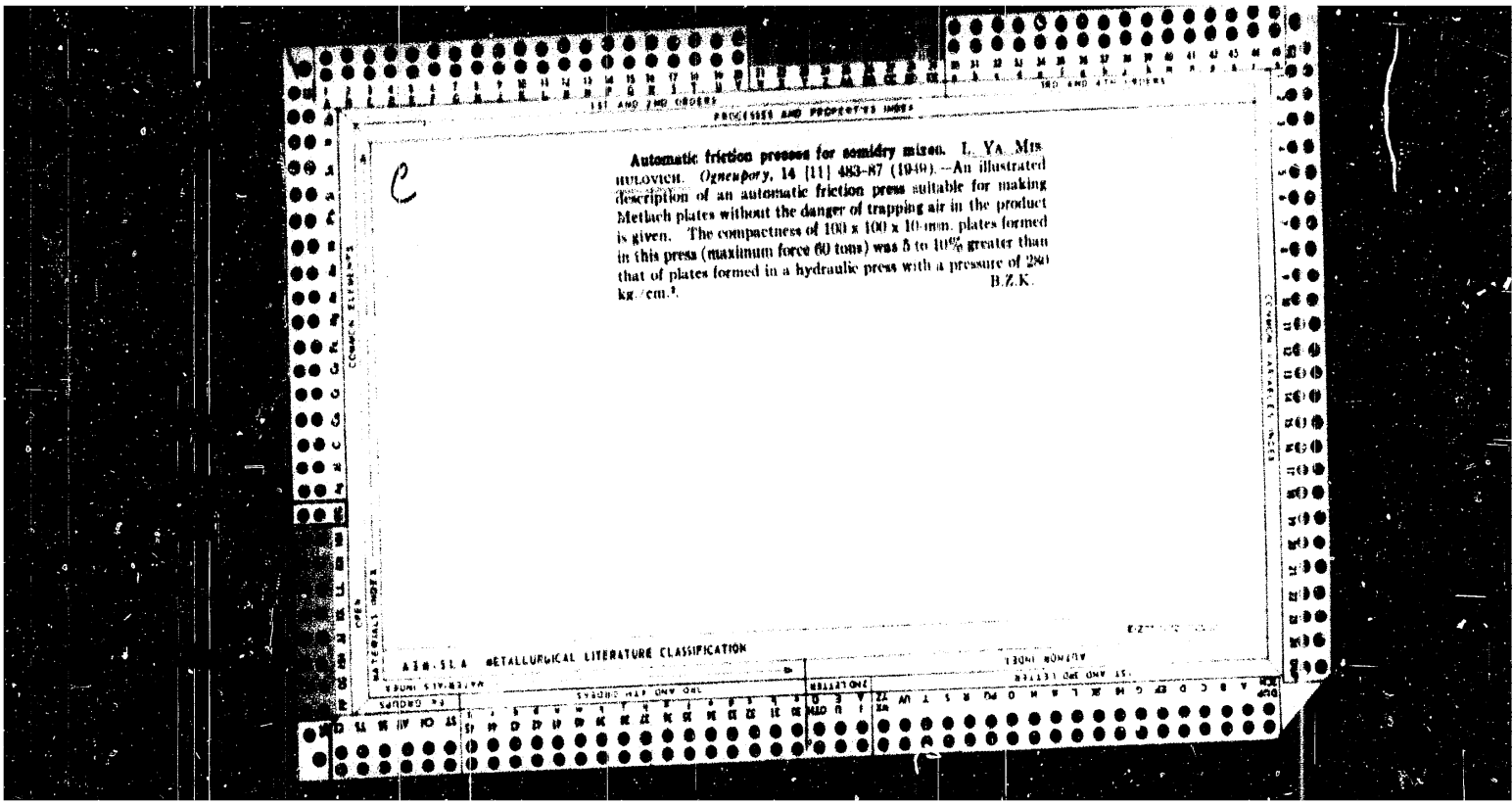
Building Materials

Ceramic blocks for facing high buildings, Stek. i ker., 9, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



C

Automatic friction presses for semidry mixes. L. Ya. Mishulovich. *Ogneupory*, 14 [11] 483–87 (1949).—An illustrated description of an automatic friction press suitable for making Metlach plates without the danger of trapping air in the product is given. The compactness of 100 x 100 x 10-mm. plates formed in this press (maximum force 60 tons) was 5 to 10% greater than that of plates formed in a hydraulic press with a pressure of 280 kg./cm.². B.Z.K.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

PA 153T49

MISHULOVICH, L. YA.

USSR/Engineering - Presses, Hydraulic Nov 49
Ceramics

"Automatization of Friction Presses for Semidried Substances," L. Ya. Mishulovich, Engr, 4 1/2 pp

"Ogneupory" No 11

Hydraulic presses are generally employed for producing high-density ceramic parts from semidry material. Such presses are expensive, require careful maintenance, and have low productivity. Explains how friction presses can be automatized and used instead. Includes general view of press and circuit diagram of electrical connections.

153T49

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

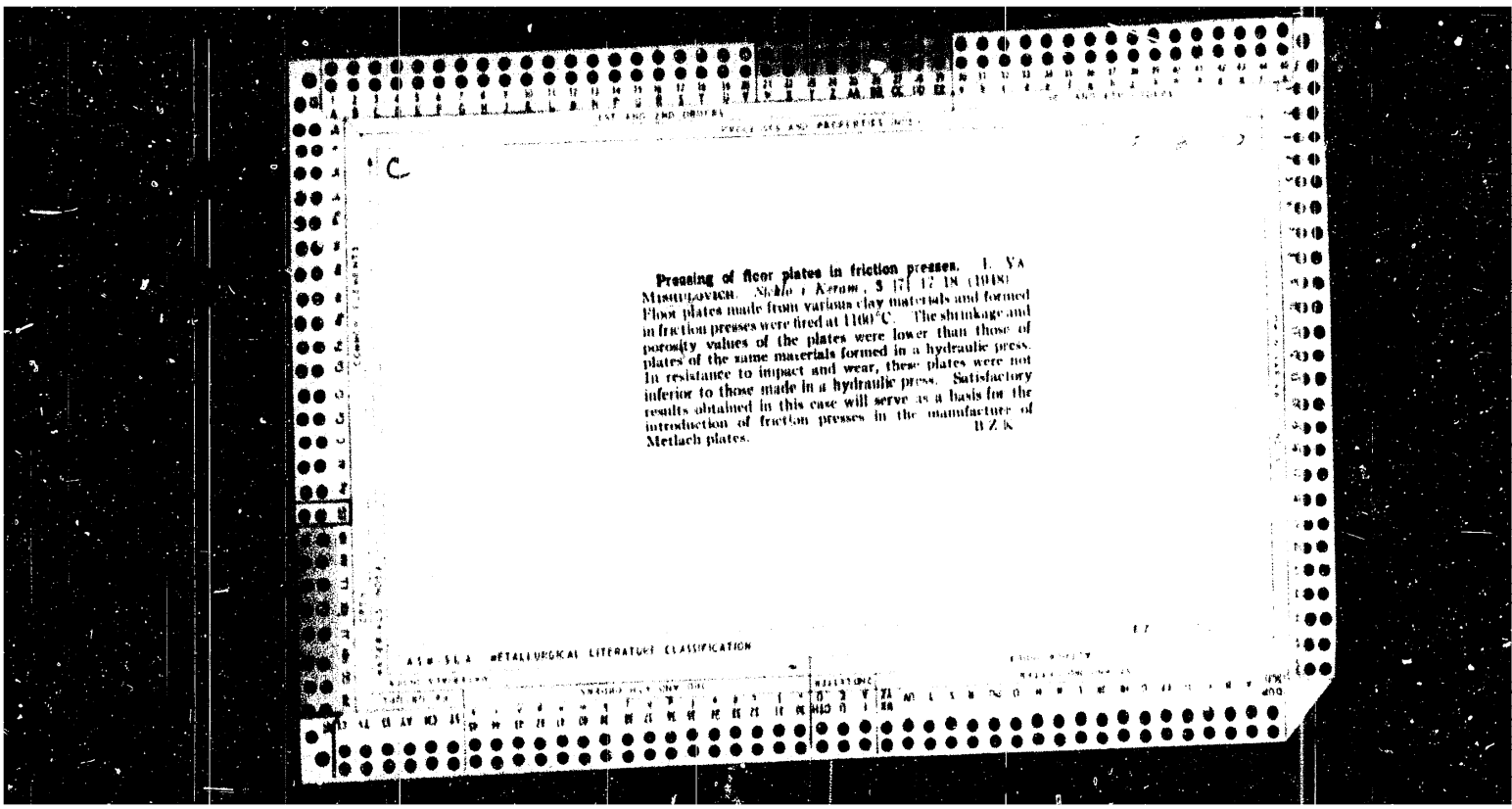
MISHU OVICH, L. YA.

36735. Kolemmorychnyye pressy dlya pressovaniya plitok. Steklo i keramika, 1949, No 10, c. 20-22

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



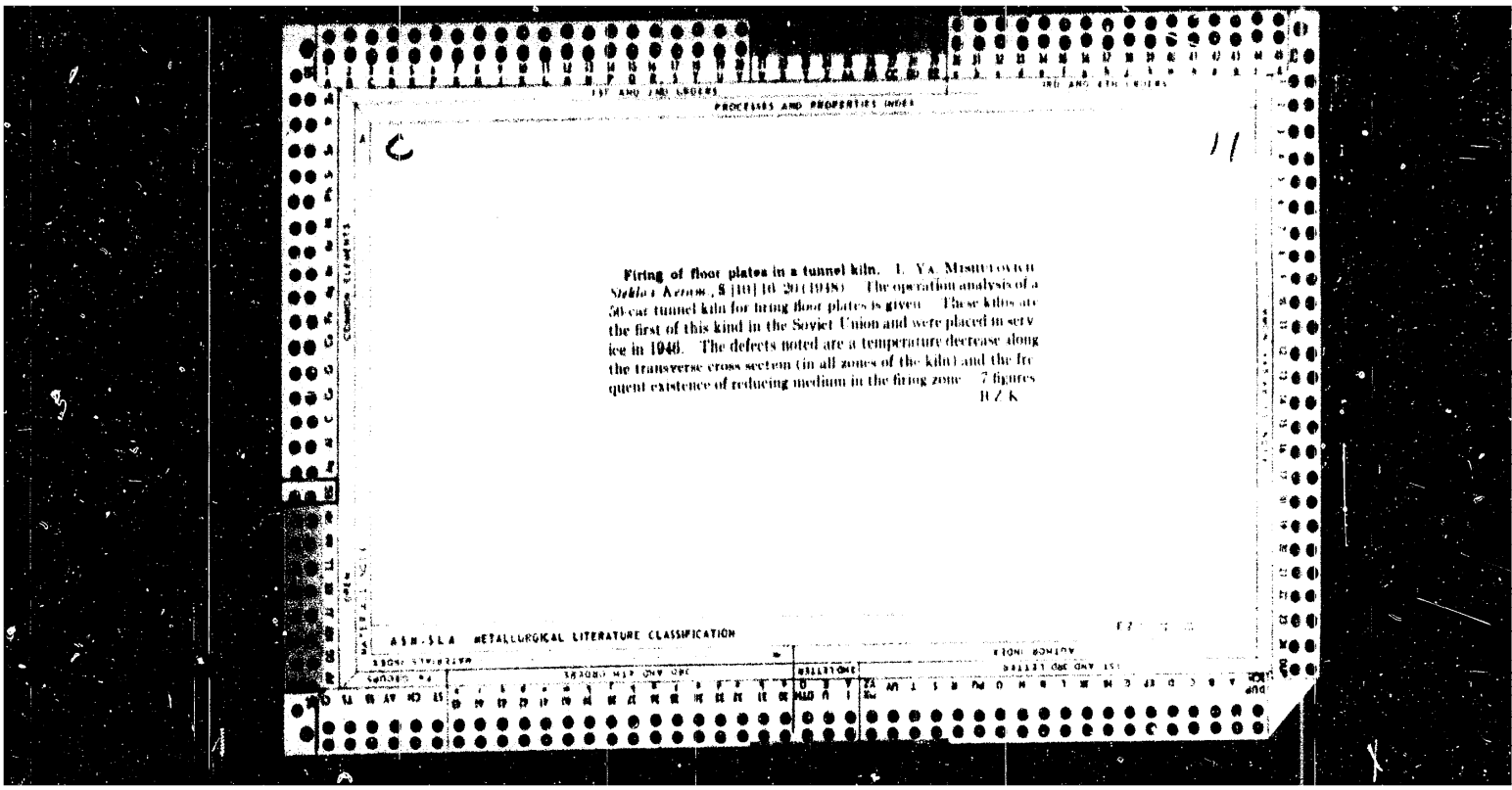
C

Pressing of floor plates in friction presses. I. YA Mishpulyanin. *Stekło i Keram.*, 5 17 12 18 (1948). Floor plates made from various clay materials and formed in friction presses were fired at 1100°C. The shrinkage and porosity values of the plates were lower than those of plates of the same materials formed in a hydraulic press. In resistance to impact and wear, these plates were not inferior to those made in a hydraulic press. Satisfactory results obtained in this case will serve as a basis for the introduction of friction presses in the manufacture of Metlach plates. B Z K

A S M S L A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



PROCESSES AND PROPERTIES INDEX

Firing of floor plates in a tunnel kiln. L. Ya. Misutovich *Steklo i Keramika*, **5** [10] 16–20 (1948). The operation analysis of a 50-car tunnel kiln for firing floor plates is given. These kilns are the first of this kind in the Soviet Union and were placed in service in 1940. The defects noted are a temperature decrease along the transverse cross section (in all zones of the kiln) and the frequent existence of reducing medium in the firing zone. 7 figures. R/K

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

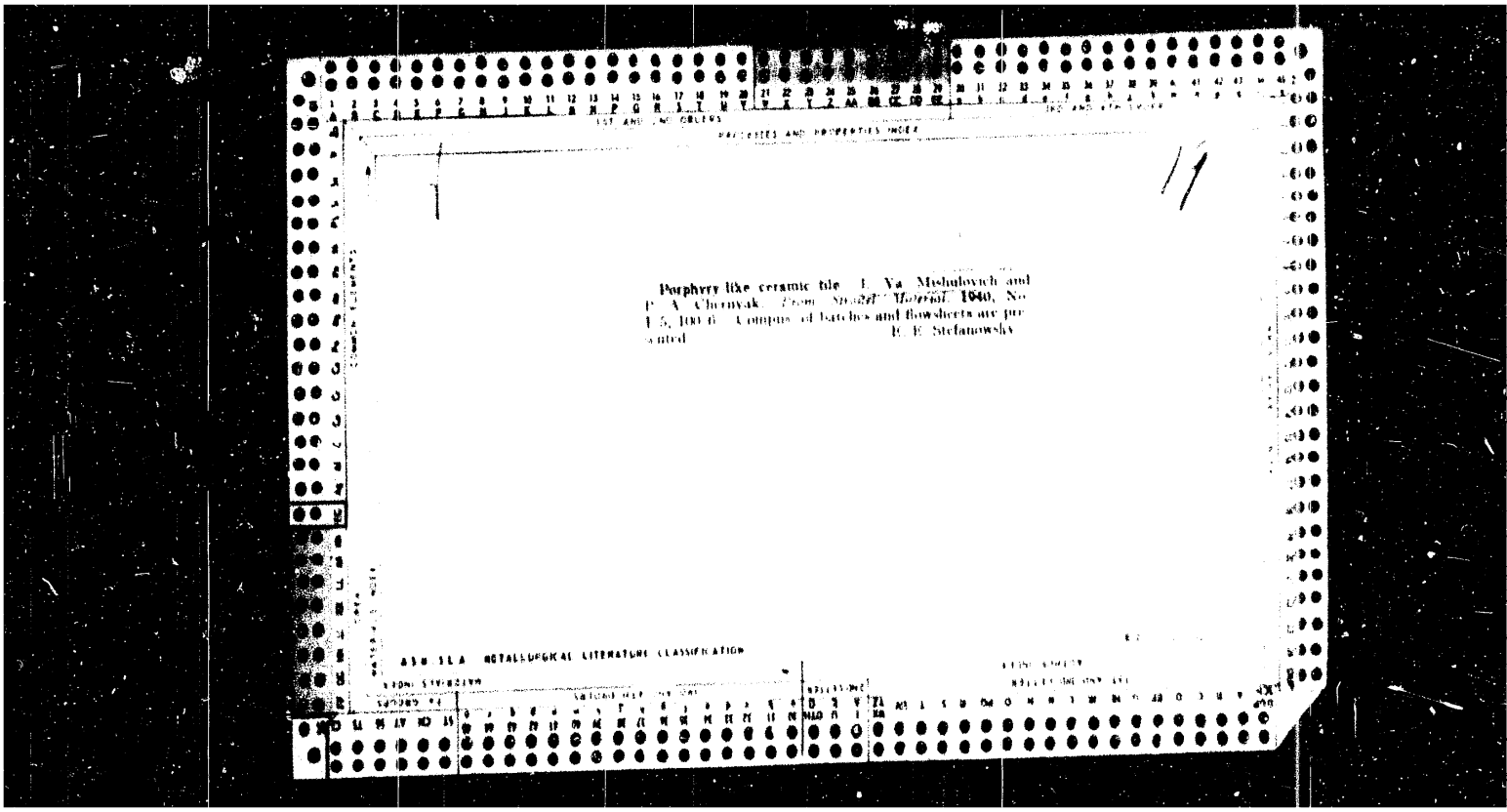
A.Z.D.

Terra Cotta

Porphyrylike tile used for the Palace of Soviets. N. CHERNYAK AND L. MIRKULOVICH. *Novosti Tekhniki*, 1940, No. 21–22, pp. 35–37; *Khim. Referat. Zhur.*, 4 [4] 105 (1941). M.Ho.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

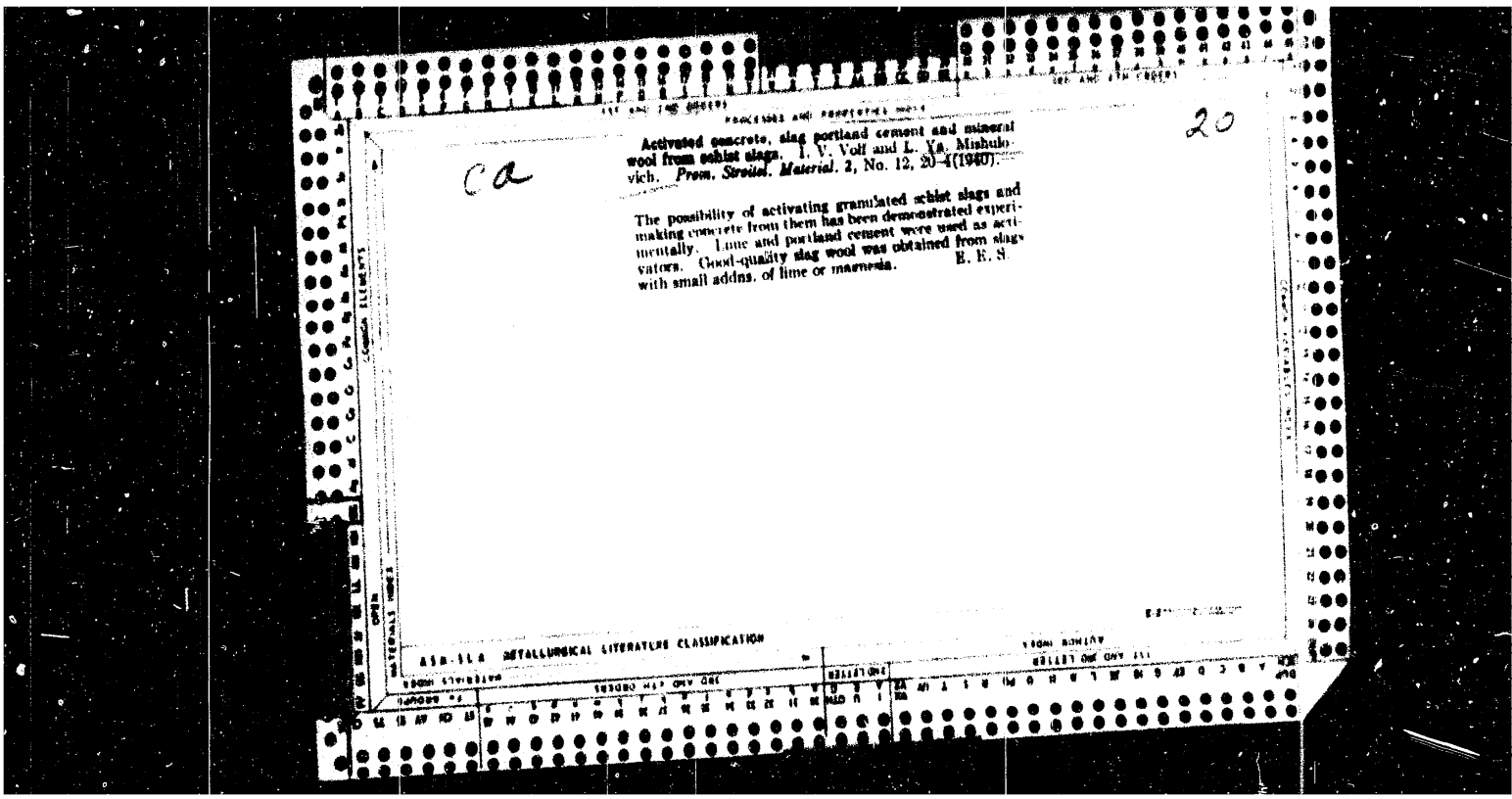
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



Porphyry like ceramic tile. I. Ya. Mishulovich and P. A. Chernyak. *Steklo i Keramika* 1940, No. 1-2, 100-6. Compns. of batches and flowsheets are presented. R. E. Stefanowsky

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



Ca

20

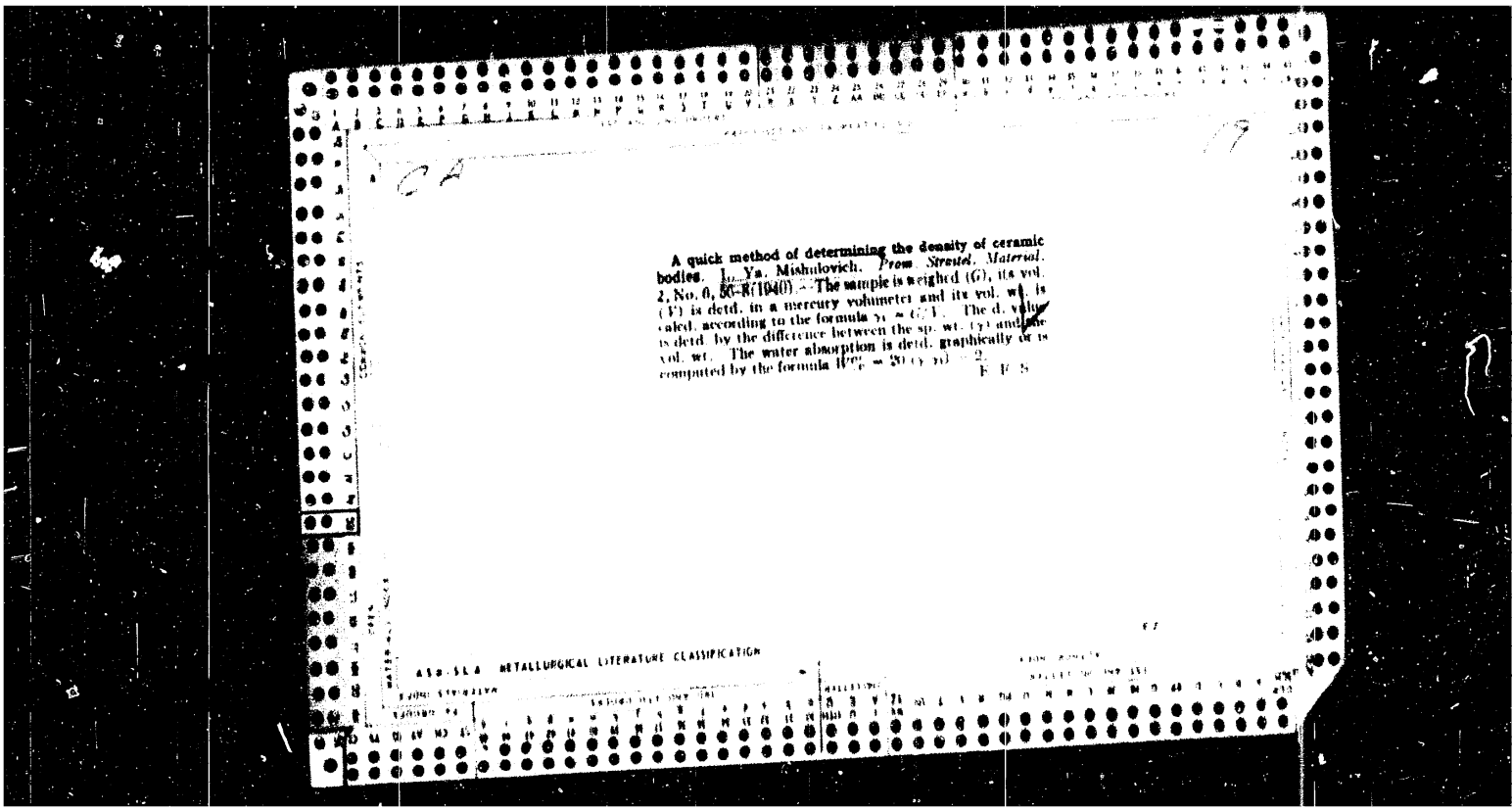
Activated concrete, slag portland cement and mineral wool from schist slags. I. V. Volf and L. Ya. Mishulovich. *Prom. Stroitel. Material.* 2, No. 12, 20–4(1940).

The possibility of activating granulated schist slags and making concrete from them has been demonstrated experimentally. Lime and portland cement were used as activators. Good-quality slag wool was obtained from slags with small addns. of lime or magnesia. E. E. S.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

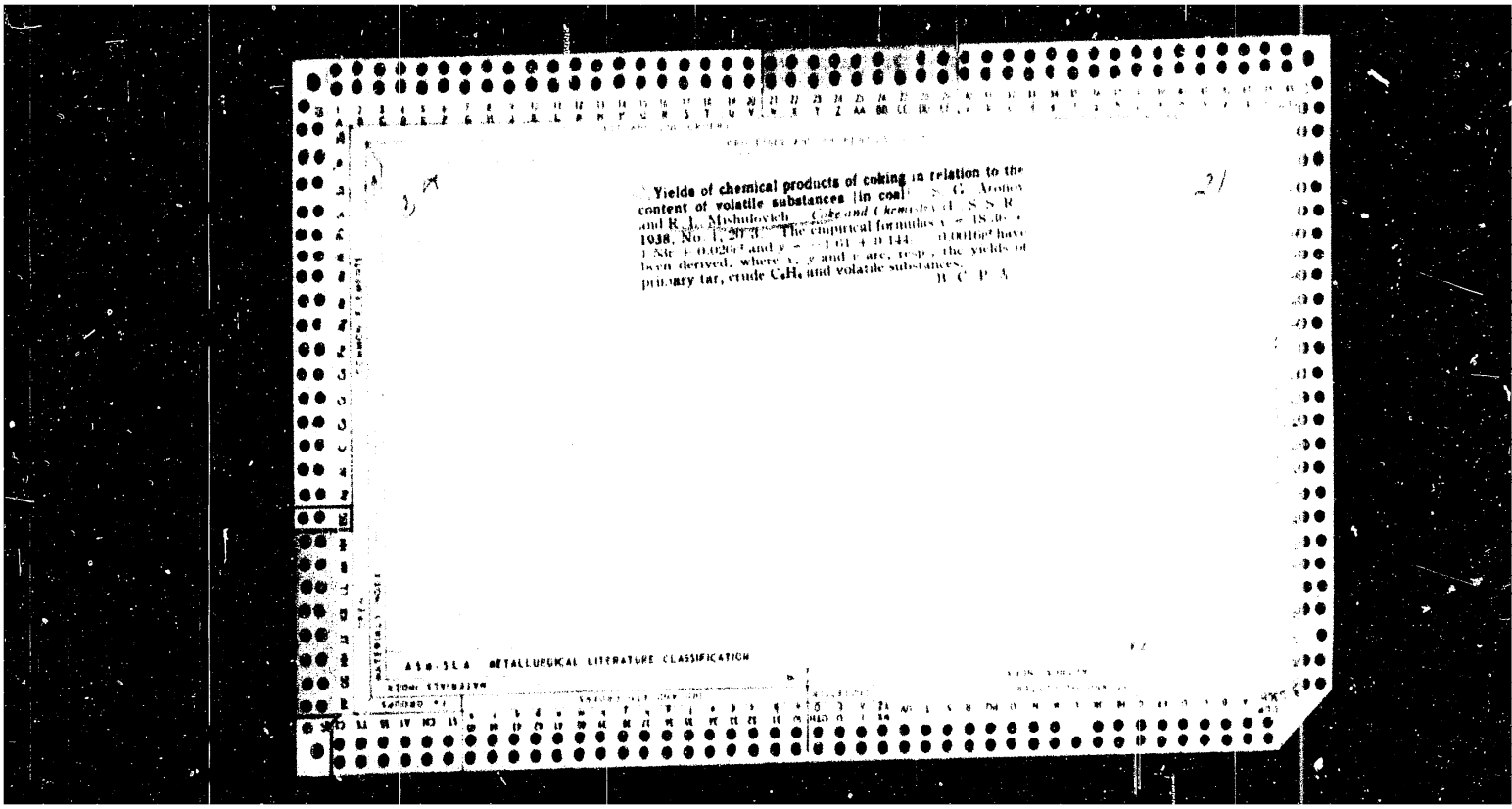


A quick method of determining the density of ceramic bodies. L. Ya. Mishulovich. *Prom. Stroitel. Material.* 2, No. 6, 36-8(1940).—The sample is weighed (G), its vol. (V) is detd. in a mercury volumeter and its vol. wt. is calcd. according to the formula $\gamma_1 = G/V$. The d. volume is detd. by the difference between the sp. wt. (γ) and the vol. wt. The water absorption is detd. graphically or is computed by the formula $W\% = 50(\gamma - \gamma_1)/\gamma_1$. F. H. S.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

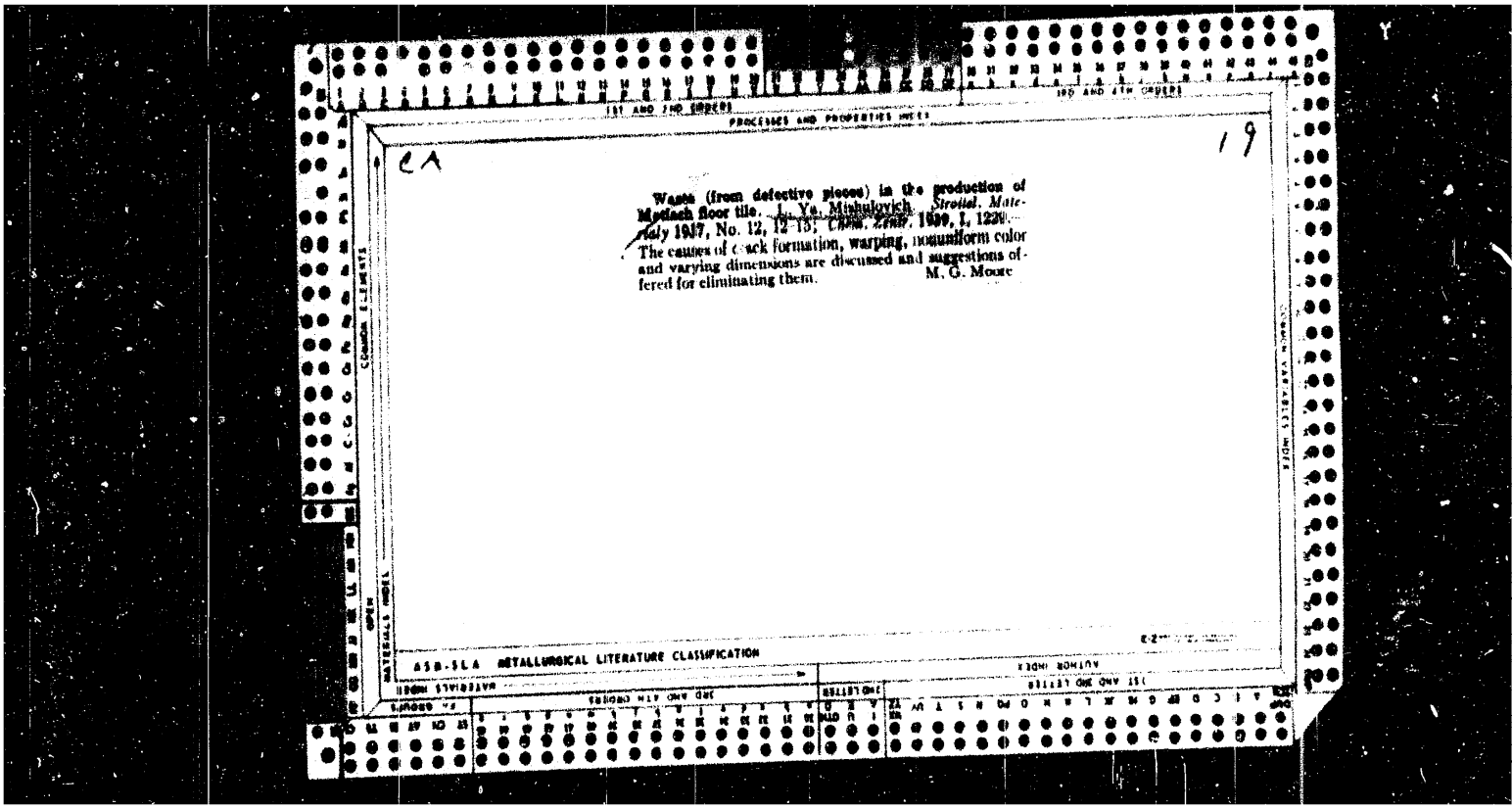


Yields of chemical products of coking in relation to the content of volatile substances [in coal]. S. G. Agulov and R. L. Mushtukovich. *Coke and Chemistry* (U.S.S.R.) 1938, No. 1, 20-3. The empirical formulas $x = 18.0c + 1.8c' + 0.026c''$ and $y = -1.61 + 0.144c + 0.0018c''$ have been derived, where x, y and c are, resp., the yields of primary tar, crude C_6H_6 and volatile substances. B. C. P. A.

A56-51A METALLURGICAL LITERATURE CLASSIFICATION

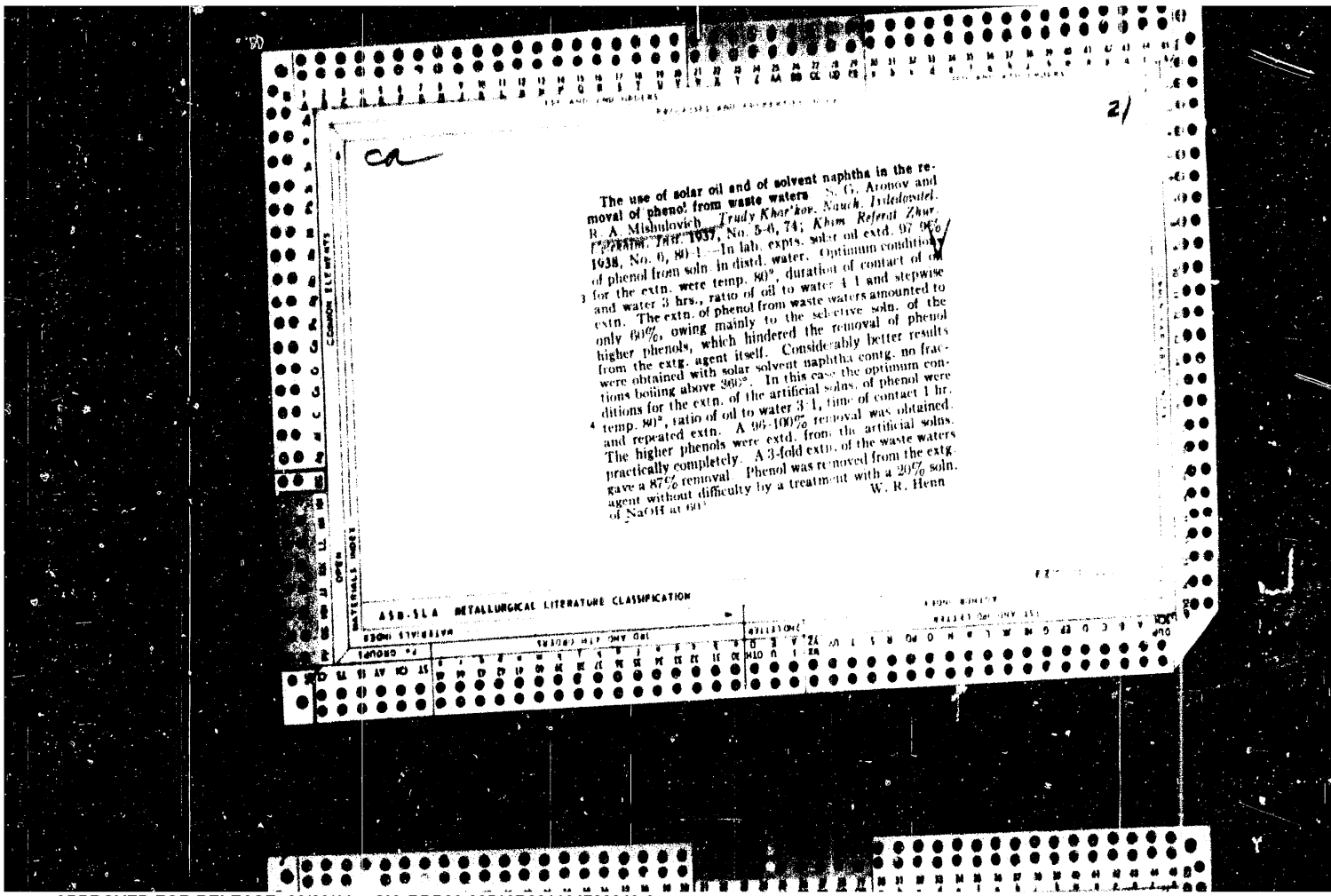
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6


PROCESSES AND PROPERTIES INDEX
CA
19
Waste (from defective pieces) in the production of Magnesh floor tile. L. Ya. Minkulovich. Stroital. Materialy 1937, No. 12, 12-13; Chem. Zentr. 1939, I, 1230.
The causes of crack formation, warping, nonuniform color and varying dimensions are discussed and suggestions offered for eliminating them.
M. G. Moore
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION
AUTHOR INDEX

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

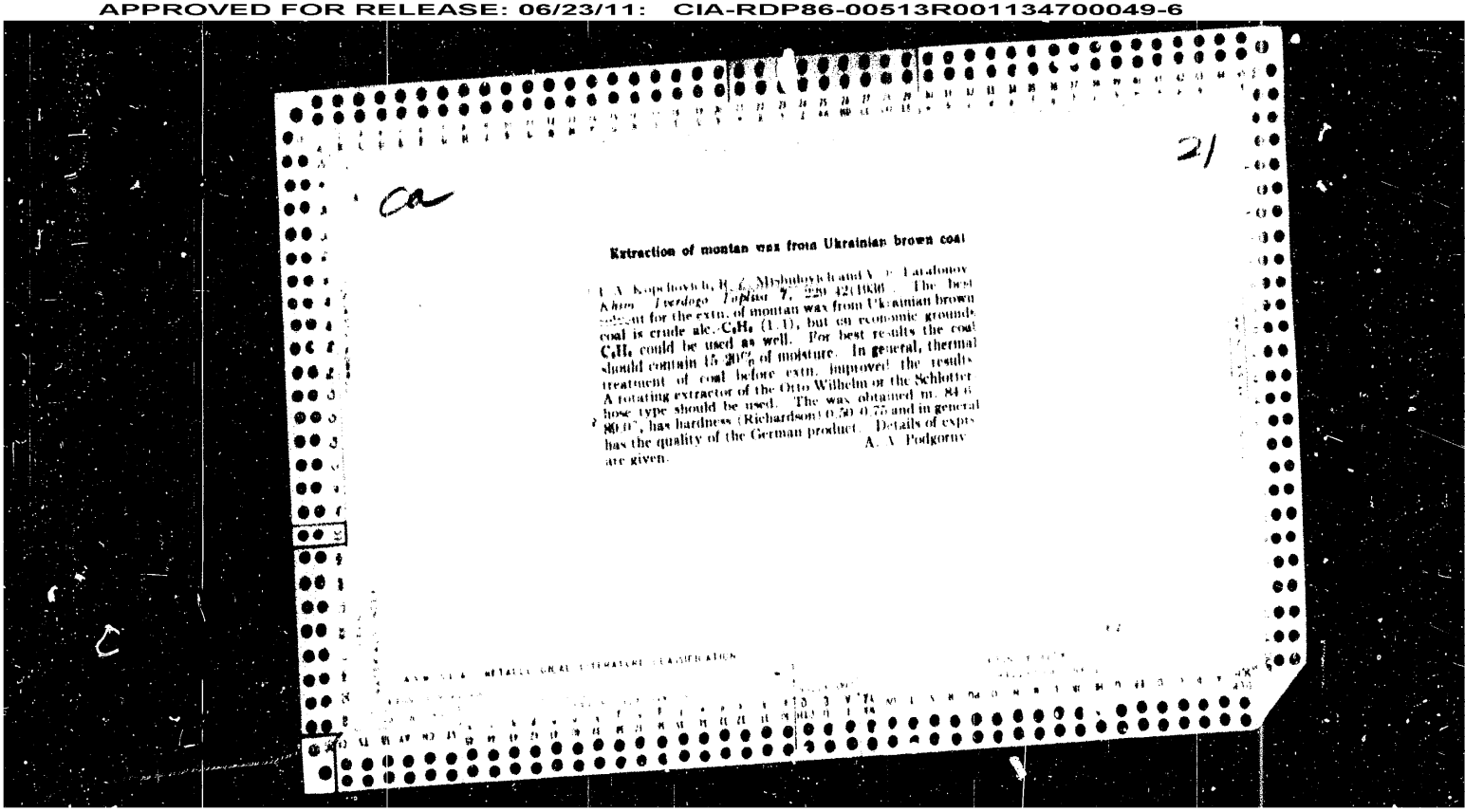


The use of solar oil and of solvent naphtha in the removal of phenol from waste waters. S. G. Aronov and R. A. Mishulovich. *Trudy Khar'kov. Nauch. Issledovatel. Inst. Gigiyeny Truda*, 1937, No. 5-6, 74; *Khim. Referat. Zhur.*, 1938, No. 6, 80-1.—In lab. expts. solar oil extd. 97.9% of phenol from soln. in distd. water. Optimum conditions for the extn. were temp. 80°, duration of contact of oil and water 3 hrs., ratio of oil to water 4:1 and stepwise extn. The extn. of phenol from waste waters amounted to only 60%, owing mainly to the selective soln. of the higher phenols, which hindered the removal of phenol from the extg. agent itself. Considerably better results were obtained with solar solvent naphtha contg. no fractions boiling above 260°. In this case the optimum conditions for the extn. of the artificial solns. of phenol were temp. 80°, ratio of oil to water 3:1, time of contact 1 hr. and repeated extn. A 96-100% removal was obtained. The higher phenols were extd. from the artificial solns. practically completely. A 3-fold extn. of the waste waters gave a 87% removal. Phenol was removed from the extg. agent without difficulty by a treatment with a 20% soln. of NaOH at 60°.

W. R. Henn

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



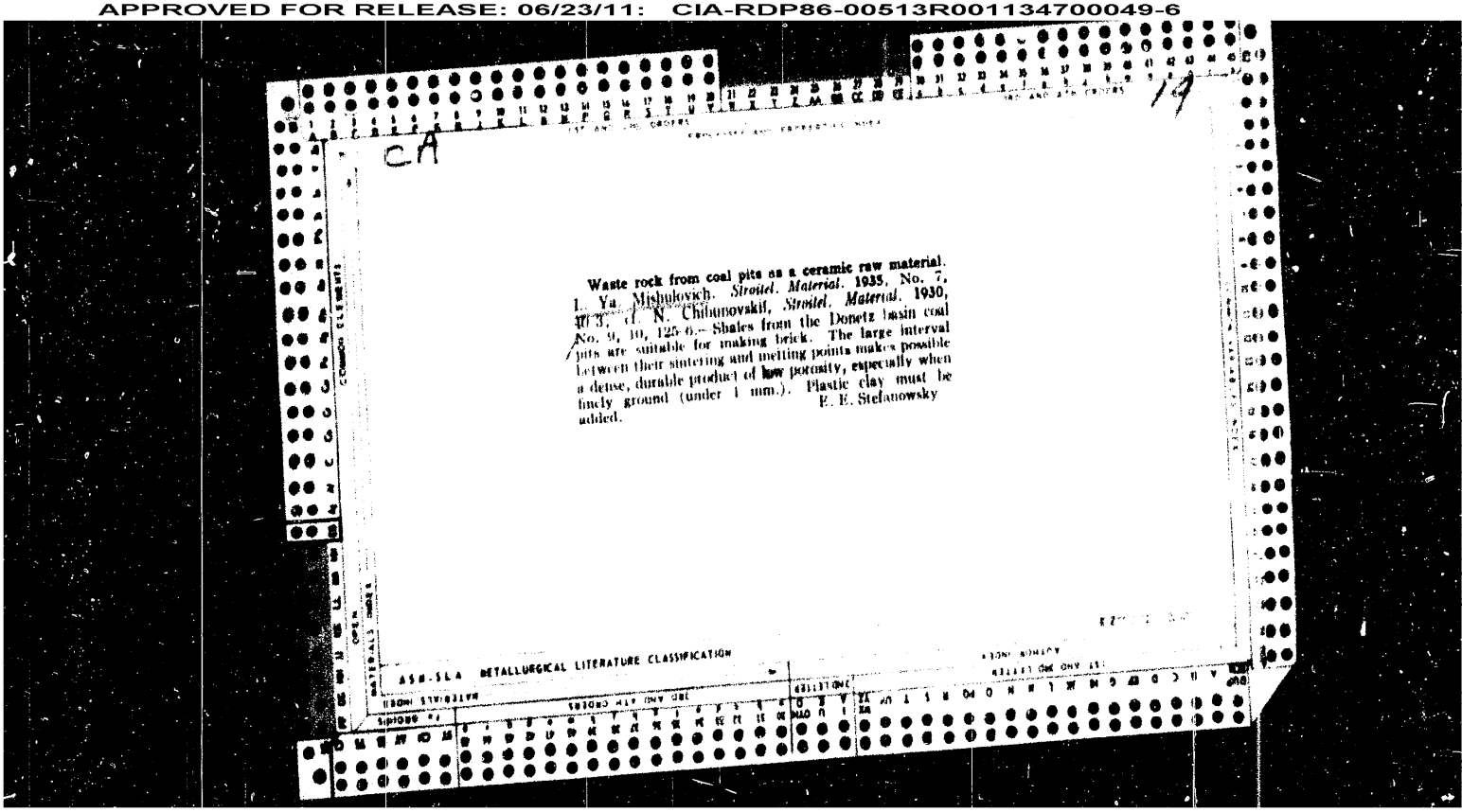
Extraction of montan wax from Ukrainian brown coal

I. A. Kopchovich, B. [illegible] Mirshubovich and A. P. Tarabanov. *Khim. Tverdogo Topliva* 7, 220-42 (1936). The best solvent for the extn. of montan wax from Ukrainian brown coal is crude alc., C_6H_6 (1:1), but on economic grounds C_6H_6 could be used as well. For best results the coal should contain 15-20% of moisture. In general, thermal treatment of coal before extn. improved the results. A rotating extractor of the Otto Wilhelm or the Schlotter hose type should be used. The wax, obtained in 84-6 80.0°, has hardness (Richardson) 0.50-0.75 and in general has the quality of the German product. Details of expts. are given.

A. A. Podgorny

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6



CA

Waste rock from coal pits as a ceramic raw material. L. Ya. Mishulovich. *Stroitel. Material.* 1935, No. 7, 10-13. — N. Chibunovskii, *Stroitel. Material.* 1930, No. 9, 10, 125-6. — Shales from the Donetz basin coal pits are suitable for making brick. The large interval between their sintering and melting points makes possible a dense, durable product of low porosity, especially when finely ground (under 1 mm.). Plastic clay must be added. E. E. Stefanowsky

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

VAL'BERG, G.S.; LEVITOVA, [illegible]; CHERNYAK, A.Ye.; SATARIN, V.I.; Prinimali uchastiye: AFANASENKO, G.T., inzh.; MISHULOVICH, A.L., inzh.; PYLER', N.I., inzh.

Principal dimensions, profile, and heat engineering parameters for a rotary kiln with a productive capacity of 3000 tons per day. Trudy IUzhgiprotsementa no.4:20-39 '63.
(MIRA 17:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Electronographic investigation ...

molecule with a true tetragonal configuration -- as has, in fact, already been pointed out by M. Lister et al. The average internuclear distances found for molecules in the vapors are: Se-Cl, 2.18 ± 0.02 Å; Se-Br, 2.32 ± 0.02 Å. There are 1 table and 8 references: 1 Soviet-bloc and 7 non-Soviet-bloc. The references to the English-language publications read as follows: D. Stevenson et al, J. Amer. Chem. Soc., 62, 1267, 1940; M. Lister et al, Trans. Faraday Soc., 37, 393, 1941; H. Bowen, Nature 172, 171, 1953; R. Livingston, Ann. Rev. Phys. Chem., 6, 395, 1955.

ASSOCIATION: Kafedra fizicheskoy khimii (Department of Physical Chemistry)

SUBMITTED: December 30, 1960

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

3570

S/189/62/000/002/002/004
D228/D302

5.2200

AUTHORS: Akishin, P.A., Spiridov, V.P., and Mishulina, R.A.

TITLE: Electronographic investigation of the evaporation products of selenium tetrachloride and tetrabromide

PERIODICAL: Moscow. Universitet. Vestnik. Seriya II, khimiya, no. 2, 1962, 23 - 25

TEXT: Previous work on the structure of selenium tetrahalides is considered to show the expediency of carrying out repeated electronographic investigations of $SeCl_4$ and $SeBr_4$ vapor by a more thorough method of examining and deciphering the electronograms. In this study the authors volatilized $SeCl_4$ and $SeBr_4$ at temperatures of 270 - 320°C and 170 - 210°C resp. after which the electronograms of the vapors were measured photometrically. Theoretical intensity curves were also constructed for a large number of structural models. It is suggested that the electronograms of $SeCl_4$ vapors apply to a

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

LEVACHEV, M.M.; MISHUKOVA, Ye.A.; SIVKOVA, V.G.; SKULACHEV, V.P.

Energy metabolism in a pigeon under self-heating after hypothermia.
Biokhimiia 30 no.4:864-874 Jl-Ag '65. (MIRA 18:8)

1. Kafedra biokhimii zhivotnykh Gosudarstvennogo universiteta imeni M.V. Lomonosova, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOVA, Ye.A.; LEBEDEVA, L.N.

Peculiarities of the oxidizing processes in the heart muscle in experimental diphtherial intoxication. Vop. med. khim. 6 no.3: 275-280 My-Je '60. (MIRA 14:3)

1. Laboratoriya biokhimii Instituta farmakologii i khimioterapii AMN SSSR i laboratoriya patomorfologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.
(DIPHTHERIA) (HEART) (OXIDATION, PHYSIOLOGICAL)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOVA, Ye.A.; LEBEDEVA, L.N.

Myocardial composition and biochemical properties of the myocardium during experimental diphtherial intoxication. Vop.med.khim. 5 no.2:137-142 Mr-Ap '59. (MIRA 12:5)

1. Laboratory of Animal Biochemistry, Moscow State University and Laboratory of Pathology, Institute for Normal and Pathologic Physiology of the U.S.S.R., Academy of Sciences, Moscow.
(CORYNEBACTERIUM DIPHTHERIAE, toxin, eff. on myocardium (Rus))
(MYOCARDIUM, metab. eff. of diphtherial toxin (Rus))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Mishukova Ye.

SHOMIN, B.; MISHUKOVÁ, Ye.

"Handbook of biochemical analysis; manual for laboratory physicians" by O.V.Travina. Reviewed by B.Shomin, E.Mishukova. Vop.med.khim. 3 no.4:319-320 Jl-Ag '57. (MIRA 10:11)
(CHEMISTRY, ANALYTICAL) (BIOCHEMISTRY)
(TRAVINA, O.V.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOVA, Ye.A.; LEBEDEVA, L.N.

Composition and biochemical properties of the myocardium in experimental diphtherial intoxication [with summary in English] Vop.med.khim. 2 no.5:369-377 S-O '56. (MLRA 9:12)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta, laboratoriya biokhimii AMN SSSR i laboratoriya patomorfologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

(CORYNEBACTERIUM DIPHTHERIAE,
toxin, eff. on myocardium composition & biochem. (Rus))
(MYOCARDIUM, metabolism,
eff. of Corynebacterium diphtheriae toxin on composition & biochem. (Rus))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOVA, A.

"Synthesis and Properties of Phosphono-Serine." Sub 19 Apr 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

CA MISHUKOVA, Ye. A.

11/17

Synthesis and properties of phosphoanserine. E. A. Mishukova (Moscow Univ.). *Biokhimiya* 15, 432-6 (1950).—*Monophosphoanserine* (I) (with the phosphate group apparently in combination with the amino group of the β-alanine residue) was prepd. by the method of Zeile and Fawaz (C.A. **33**, 1670⁸), in their synthesis of phosphocreatine. I was obtained and stored in the form of the difficultly sol. Ba salt, which was then transformed into the Na salt for analysis. I was stable in alk. soln., and unstable in acid soln. The hydrolysis const. (K) in 0.1 *N* HCl at 20° was 0.02. Dialyzed rat muscle exts. hydrolyzed I best at pH 7.2–7.5. The heat liberated by acid hydrolysis of I was 8500 cal./g. mol., and by enzymic hydrolysis, 870⁰ cal./g. mol.

H. Priestley

L. Lab. of Animal Biochemistry, Inst. of Zoology, Moscow State U.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOVA, Ye.A.; TER-GARKINYAN, L.G.

Electrophoresis of sarcoplasmic proteins in the rabbit myocardium under normal conditions and in experimental strophanthin intoxication. Vop. med. khim. 9 no.2:170-176 Mr-Ap '63.
(MIRA 16:5)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, N.P.

Tar production by individual pines in the central Ob' Valley forest. Izv. SO AN SSSR no.8 Ser. biol.-med. nauk no.2 p.[illegible] '64 (MIRA 18:1)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MIS'NOV, Y. P.

Movikov, I. I. and Mishukov, I. P. - "Innovations of the Khorol'sk Agricultural plant (on the processing of [illegible]," Tr. ob-va ispy (Otdel'nyye. [illegible] im. Shelina), Issue XV, Biologiya pochv [illegible]. Moskva-Leningrad, [illegible], p. [illegible] 74.

SO: U-3060, 16 June 53, (Letopis 'Zhurnal'nykh Statey, No. [illegible], 1949).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

SELIVANKIN, Sergey Andreyevich; TARASOV, Sergey Vasil'yevich; MISHUKOV, F.I., prof., retsenzent; GUREVICH, B.S., kand.tekhn.nauk, retsenzent; SINEL'NIKOVA, TS.B., red.; MAMONTOVA, N.N., tekhn.red.

[Jewelry and watch manufacture and trade techniques] Tovarovedenie iuvelirnykh izdelii i chasov i tekhnika torgovli imi. Moskva, Gos.izd-vo torg.lit-ry, 1960. 222 p.
(MIRA 14:3)

(Jewelry) (Clock and watch making)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, F.A.

[illegible] conference of foundry workers on the improvement of working conditions. Lit. proizv. no.5:46-47 S '64. (MIRA 18:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, F.A.; FOMIN, S.F.; KOSTERIN, A.A.

Centrifugal casting of linear blanks. Lit. proizv. no.8:34-35 Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, F.A., kand.tekhn.nauk; FOMIN, S.F., dotsent; USTINOV, A.I.

Bessemer pig iron in the machinery industry. Izv.vys.ucheb. zav.; mashinostr. no.7:174-181 '63. (MIRA 16:11)

1. Penzenskiy kompressornyy zavod. 2. Glavnyy metallurg Penzenskogo kompressornogo zavoda.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, F.A.

Increasing the durability of ingot molds. Biul. TSIICHM no.1:38-40 '61. (MIRA 14:9)

1. Alchevskiy metallurgicheskiy zavod.
(Ingot molds)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Experience in Using Open-Hearth Pig Iron in the Cupola Process

charge (Fig. 3 a) is considerably lower than of the I. charge (Fig. 3 b). Addition of manganese does not change the flowing properties of the various types of iron. Fig. (4) and (5) show the effect of the total of carbon and silicium on the change in limit of stability when bending and freezing. As can be seen from the fiagram, type M-1 is 20% stronger than type IK-2. This is caused by the state of graphite in iron of type M-1. Fig. (6) shows the contents of manganese in ratio to the stability of iron for two different totals of carbon and silicium. It can be stated that the latter types of iron have better qualities. There are 2 Soviet references.

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

18(5)
AUTHOR: Mishukov, F.A., Engineer

SOV-128-59-5-3/35

TITLE: Experience in Using Open-Hearth Pig Iron in the Cupola Process

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 5, pp 5-7 (USSR)

ABSTRACT: The factory at Lugan' was faced with the task of replacing cast iron of the types LK-0 and LK-1 by open-hearth pig iron types M-1, M-2, and LK-2 and LK-3. As can be seen from Fig. (1) the flowing properties improve with the increase of temperature. It becomes evident that the structure of the crystalls of the latter alloys is of better quality. Tab. (1) shows the compostition of the charges (Sh 18-36, Sh 21-40) and the material used. Fig.(2) illustrates the properties and outlines the ratio of the contents of carbon and silicium to the flowing properties of iron at a temperature of 1280°-1380°C. Further, Tab. (2) shows the contents of iron oxide (FeO) and of various gases in castings of iron type LK (I. charge) and type M-1 (II. charge). The content of graphite of the II.

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

Blowing a Mixture of Oxygen and Fluxes Through Liquid Pig Iron in a Converter

formula was developed for the value of $\log_{10}K_p = \log_{10}(P_2O_5)/[P]^2 \quad a^5_{FeO}$ [Blank space in Russ. Text. Trans. Note] $(CaO^l)^4 = 42,200$ ton - 19.4, where (P_2O_5) and CaO^l) are the concentrations of P_2O_5 and free CaO in the slag in molar fractions; a_{FeO} is the activity of FeO in the slag. The greatest degree of dephosphorization (93.7%) took place with a consumption of 7.7% of slag mixture consisting of CaO, Na_2CO_3, and fluorspar in a 7:1.7:1.3 ratio. The author recommends a rate of flux consumption (in %) in the amount of 5(1.1[Si]+[P]). The maximum elimination of S was 11.1%. Nonmetallic impurities in the finished steel were rounded in shape and their amount may be evaluated at 3 marks. [H] in the finished metal was 0.00073%, [N] was 0.0053%. By the method proposed it is possible to produce metal for profile casting with low [P] (0.01 - 0.016%), [S] (0.01 - 0.02%), and gas content.

Yu K

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

SPV/137 59-3-5306

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 54 (USSR)

AUTHOR: Mishukov, F. A.

TITLE: Blowing a Mixture of Oxygen and Fluxes Through Liquid Pig Iron in a Converter (Produvka zhidkogo chuguna smes'yu kisloroda i flyusov v konvertere)

PERIODICAL: Prom.-ekon. byul. Sovnarkhoz Luganskogo ekon. adm. r na, 1958, Nr 4, pp 7-10

ABSTRACT: Pig iron composed of (in %) C 3.2 - 3.7, Si 1.0 - 1.2, Mn 0.7 - 1.1, P 0.15 - 0.45, and S 0.04 - 0.08 was blown through in a 60-kg converter lined with a mass composed of 92% metallurgical magnesite powder and 8% fireclay with 8% moisture content. Oxygen under 1 - 3 atm excess pressure was fed through a flux metering hopper and a feeder into the metal (a sketch of the apparatus is shown). The slope of the axis of the tuyère in relation to the horizon line was 30°. Lime, calcined soda, fluorspar, TiO_2, and Fe oxide pulverized to a < 2-mm size were used as fluxes. The formation of active basic slag in the metal in the elevated temperature zone permits the removal of P in the first 5 - 6 min of blowing, before all the C is burned out. A

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

"Grigorev, P.K., Cand Tech Sci -- [illegible], "Study of the effect of scavenging liquid pig iron with a mixture consisting of oxygen and fluxes on the technological properties of steel." Mos, 1958, 13 pp (Min of Higher Educat on RSFSR. Mos Order of Lenin and Order of Labor Red Banner Higher Tech School im Bauman) 100 copies (KL, 23-58, 97)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

SHIFTIN, S.M., doktor tekhn.nauk, MISHUKOV, B.G., inzh.

Purification of waste waters from milk plants. [illegible]
6-9 S '63. (MIRA 17:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, A.I.

MISHUKOV, A.I.

Age and epidemiological aspects of the Anopheles maculipennsi population near Novosibirsk in 1952. Med.paraz. i paraz.bol.supplement to no.1:20-24 '57. (MIRA 11:1)

1. Iz otdela bor'by s malyariyey i gelmintozami doroznoy sanitarno-epidemiologicheskoy stantsii Tomskoy zheleznoy dorogi.
(BARBARA STEPPE--MOSQUITOES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUKOV, A. I.

Mishukov, A. I. "On the proolem of the introduction of pallen through large reservoirs", Med. parazitologiya i parazitar. bolezni, 1948, No. [illegible], p. 553-[illegible]

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6

MISHUK, V.K., inzhener-kapitan 3-go ranga

Turbocompressor refrigerating machines. Mor. sbor. 42
no.8886-89 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700049-6